

THE FIELD MUSEUM  
2002 ANNUAL REPORT TO THE  
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ACADEMIC AFFAIRS

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## CONTENTS

2002 Annual Report.....	3
Collections and Research Committee.....	12
Academic Affairs Staff List.....	13
Publications, 2002 .....	19
Active Grants, 2002.....	38
Conferences, Symposia, Workshops and Invited Lectures, 2002 .....	46
Museum and Public Service, 2002 .....	55
Fieldwork and Research Travel, 2002 .....	65
Public Education and Outreach, 2002 .....	71
Higher Education, 2002.....	83
Training Programs, 2002 .....	92
Academic Affairs Interns, 2002 .....	98
Resident Graduate Students, 2002.....	100
Academic Affairs Volunteers, 2002 .....	101
Honorary Appointments, 2002 .....	103
Collection Statistics, 2002.....	110
Field Museum Press .....	114
The Pritzker Laboratory for Molecular Systematics and Evolution.....	115
Scanning Electron Microscope .....	116
Scholarship Committee .....	117

## ACADEMIC AFFAIRS – 2002 ANNUAL REPORT

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2002 was the first full year for the new Vice President for Academic Affairs. It proved to be a successful transition for the new administrative system, combining skilled support from the members of the Academic Affairs office with the input of the Academic Affairs Management Group (AAMG), which includes the Chairs of Anthropology, Botany, Geology and Zoology, the Directors of ECP and CCUC, the Chair of the Science Advisory Council (SAC), a member of the Pritzker Molecular Lab Management Committee, and two representatives of the Professional Staff. The AAMG proved its value in dealing with numerous practical and strategic issues while fostering enhanced inter-departmental cooperation. The effectiveness of AAMG meetings was further increased by regular presentations on key topics made by representatives from other areas of the museum.

Once again, the Museum was obliged to respond to adverse economic conditions with very careful budgeting. Despite the financial constraints, Academic Affairs maintained a strikingly high level of activity and proceeded to launch new initiatives in carefully selected areas. The continued need for economic stringency has further delayed implementation of the Strategic Plan, but plans are being developed for a return to this carefully considered and much-needed initiative as soon as conditions allow.

Academic Affairs can look back on an impressive overall list of achievements in 2002. Detailed accounts of individual key activities are provided in the department-by-department reviews in this Annual Report, so this introduction will emphasize certain highlights.

### Staff promotions and honors

Several members of the curatorial faculty were promoted during 2002. John Bates (Zoology/Birds) and Peter Wagner (Geology/Fossil Invertebrates) were both promoted to the rank of Associate Curator with effect from April 1. John has particular interests in the evolution of tropical birds and implications for conservation. Much of his research, supported by NSF, has focused on genetic structure in Amazonian antbirds, and is undertaking current projects in the Democratic Republic of Congo, Uganda, and Bhutan. Peter's research focuses on early (Cambrian through Devonian) gastropod snails, emphasizing rates of change and trends in shell evolution as well as relationships among species, and also tackles general methodological aspects of systematics. Larry Heaney (Zoology/Mammals) was promoted to the rank of Curator as of June 22. His specialty is the evolution and ecology of mammalian biodiversity patterns in island ecosystems. Most of his fieldwork has been conducted in the Philippines, where he and his colleagues have discovered 16 previously unknown species of mammals; but he has also worked in Malaysia, Bhutan, Panama, and widely in the United States. Sabine Huhndorf was promoted to Assistant Curator in Botany effective July 1. Her research on fungi focuses on Ascomycetes, specifically Loculoascomycetes and Pyrenomycetes, organisms that are plant pathogens and agents of decomposition. Huhndorf has the distinction of securing two NSF PEET awards, totaling more than \$1.4 million. Alaka Wali was promoted to Curator in Anthropology effective November 1. Alaka is the Director of the Center for Cultural Understanding and Change, responsible for coordination of a range of programs designed to enhance interdisciplinary work at the Museum, strengthen public programming on cultural issues, and promote efforts to link the Museum closer to the Chicago community. Alaka's research program has continued to explore themes of how changing social contexts influence identity and forms of activism within the urban context.

The search for two new Botany curators was concluded successfully with the appointment, effective in 2003, of Thorsten Lumbsch as Assistant Curator of Mycology/Lichenized Fungi, and Rick Ree as Assistant Curator of Flowering Plants.

John Bates took up the post of Chair of the Department of Zoology on October 1, succeeding Associate Curator Rüdiger Bieler. Rüdiger was an active and able administrator during his five years as Zoology

Chair, playing a key role in the 1999 Strategic Planning process, and serving actively on the Management Group that ran Academic Affairs during its two years without a Vice President. He was also intensively involved in the creation of the Pearls exhibit as co-curator. Rüdiger has eagerly set his sights back on research—mainly the phylogenetic systematics of mollusks, specifically marine snails and bivalves, and his active field program in the Florida Keys.

An important addition to the staff was made in November with the arrival of Helen Robbins as the Museum's Repatriation Specialist. Working in an interface between the Center for Cultural Understanding and Change and the Department of Anthropology, Helen will oversee the anthropological aspects of the Museum's repatriation program, such as reviewing the cultural affiliation of artifacts and interactions with native groups. She received her Ph.D. from the University of Arizona in 2001, writing her dissertation on land, law and custom in the Commonwealth of the Northern Mariana Islands.

Other notable accomplishments and receipts of honors by our academic staff in 2002 covered a wide spectrum and include the following:

- MacArthur Curator John Flynn (Geology) continued his Guggenheim-supported sabbatical in Chile, ending in 2002. He was actively involved in paleontological work during his leave and also worked intensively on an impressive number of publications.
- ECP Director Debby Moskovits and Peruvian collaborator Lily Rodriguez were selected as joint recipients of the 2002 Biodiversity Leadership Awards by the Bay and Paul Foundations for their work in the creation of the Parque Nacional Cordillera Azul.
- Curator Michael Dillon (Botany) was named Honorary Professor at the Universidad Nacional de Tumbes, Peru in June, and at the Universidad Nacional de San Agustin, Arequipa, Peru in October. This makes a total of four adjunct appointments in Peru in recognition of his service in educational and research initiatives.
- Associate Curator Chap Kusimba (Anthropology) began a Fulbright year of research in the Czech Republic.
- MacArthur Curator Bruce Patterson (Zoology) became the 43<sup>rd</sup> President of the 3,000-member American Society of Mammalogists, a post he will hold until 2004.
- AA Vice President Bob Martin accepted an invitation to serve as a member of the NSF-supported Scientific Advisory Committee for the Integrated Primate Biomaterials and Information Resource (IPBIR).
- Scientific Illustrator Clara Simpson (Zoology) became President of the Guild of Natural Science Illustrators.
- Robert Inger, Curator Emeritus in the Division of Amphibians and Reptiles, was honored with a biographical article in the journal *Copeia*.
- Assistant Curator Petra Sierwald (Zoology) recently was appointed to the graduate faculty of the Department of Biology at East Carolina University (Greenville, North Carolina).
- Curator and Chair Gary Feinman (Anthropology) was invited by Shandong University, China to be the first Li-Ching Chaired Professor in the Social Sciences.
- Carol Fialkowski (Environmental Educator, ECP) was presented Garden Club of America's Conservation Certificate of Acknowledgement to Non-Members.

## Publications

In their core departments of Anthropology, Botany, Geology and Zoology, the academic staff continued to maintain a truly outstanding level of collections-based fundamental research. As one indicator of this, 2002 was another highly productive year with respect to publications. Members of Academic Affairs produced as sole authors or co-authors five books (including edited volumes), 148 journal articles, 31 book chapters, a dozen articles in popular periodicals, as well as book reviews, technical reports, electronic publications, and Fieldiana monographs—some 218 publications in all. During 2002, the wide spectrum of scholarly papers published by members of Academic Affairs again included several articles

in the two highest-profile international science journals, Nature and Science. A complete list of these publications appears in this report.

## Grants

In 2002 members of Academic Affairs were even more successful in securing outside grants than in previous years. \$14.8 million in new competitive grants and contracts were awarded to support research, collections, conservation, training and public learning. The National Science Foundation (NSF) alone awarded a total of \$1.7 million for new research projects. Academic Affairs attained a success rate of 38% for proposals, following closely on the heels of Northwestern University and Loyola University, overtaking the University of Chicago, and outpacing all other academic institutions in Illinois. The 39 curators in Academic Affairs currently have 128 active grants, half from NSF and half from a wide spectrum of foundations. Members of Academic Affairs continue to seek as many sources of support as possible. The total of currently active awards from all agencies has reached another all-time high of \$28.7 million (excluding capital projects). Striking testimony to the outstanding quality of fundamental scientific research conducted in Academic Affairs comes from the level of support provided by peer-reviewed project grants, notably from the National Science Foundation (NSF). In 2002, 12 new NSF grants were received by Academic Affairs staff, a 20% increase compared to 2001. Further substantial new grants to support scientific research, conservation work and cultural outreach activities were awarded by the Gordon E. & Betty Moore Foundation, the John D. & Catherine T. MacArthur Foundation, the Comer Science & Education Foundation, the National Aeronautical and Space Administration (Cosmochemistry Program), the National Geographic Society, Earthwatch, the Rockefeller Foundation, Save America's Treasures, the U.S. Fish and Wildlife Service, the U.S.D.A. Forest Service, the Office of Naval Research, the National Park Service, the Museum Loan Network, the Illinois Humanities Council, the Illinois Department of Natural Resources, the Negaunee Foundation, the Lloyd A. Fry Foundation, and the Conservation Foundation for Chicago Wilderness.

A complete listing of the outstanding record of grantsmanship by Field Museum scientists can be found in the "Active Grants" section of this report, but it is worth highlighting a few notable awards. An award of a 5-year grant for \$10,785,000 was made by the Gordon & Betty Moore Foundation to support direct conservation activities in South America under the title "Science in Action for Conservation" —the most substantial single grant ever awarded to the Museum, and a crowning success for ECP. Three projects were successful in gaining funding from the National Science Foundation's "Tree of Life" program: Assistant Curator Shannon Hackett's project, "Early Bird: A collaborative project to resolve the deep nodes of avian phylogeny" (total award \$2,020,000, approximately \$900,000 to be administered through FM); Assistant Curator Peter Makovicky's dinosaur proposal, "Collaborative Research: Archosaur phylogeny—a total evidence approach at fine taxonomic level" (\$90,000); and a collaborative project to reconstruct the evolutionary tree of spiders, involving 34 spider specialists from around the world (\$2.7 Million total project amount), with Assistant Curator Petra Sierwald (Zoology) serving as one of the project's five co-investigators. The Department of Anthropology received a \$400,000 grant from Save America's Treasures for a 2-year project to conserve our North American Ethnographic and Archaeological Collections (PIs: Head of Collections Steve Nash and Chief Conservator Ruth Norton). A substantial grant was also awarded to Academic Affairs by the Negaunee Foundation in December 2001 to support the first year of "Expeditions@Field Museum," a program in which virtual visitors can join scientific expeditions via e-mail or online video. This innovative project is developing new possibilities for communicating our scientific worth to a much larger audience.

## Collections

As in 2001, planning for the move to the new Collections Resource Center (CRC) in 2004 occupied a prominent place in the activities of Academic Affairs, and the pace of preparations was shifted to high gear. The CRC, once completed, will provide more than 170,000 square feet of new underground space

for collections and collections-related research in a spectacular, state-of-the-art development. This will allow for a significant expansion in available space for collections, permitting rehousing of some 2 million artifacts and specimens from Anthropology, Geology and Zoology (particularly large objects) and freeing up space for exhibitions. A special CRC Task Force, coordinated with great skill by the Collections Project Coordinator Scott Demel, meets regularly to plan the move to CRC. Its meetings alternate with those of a museum-wide committee that is closely monitoring the progress of this major project. Several site visits to other museum facilities took place during the year to ensure that the installation of CRC meets the highest available standards, and temporary staff members were appointed to prepare specimens and artifacts for the move. Much-needed conservation work is being conducted on many items, notably those from Anthropology, as a prelude to the move. Detailed logistic planning is already at an advanced stage, and special consideration is being given to issues such as bar-coding and security procedures. Special attention was devoted to development of plans for a cryogenic facility in the new Loading Dock, including a site visit to Coriell Cell Repositories in New Jersey.

Our collections, which lie at the very heart of research conducted at The Field Museum, increased by 1.43% in 2002, an addition of more than 307,000 new specimens to the collections catalogues, bringing the existing collections to a total of 21.7 million items. As one reflection of the importance of the collections, incoming and outgoing loans again reached a very high level in 2002. As in previous years, outgoing loans continued to exceed incoming loans by a large margin, with more than 72,000 specimens going out on 658 external loans compared to some 10,829 specimens contained in 197 incoming loans. To bring our collections management into the 21<sup>st</sup> century, a second Task Force has been working hard on plans for coordinated digitization of collections, partly in connection with the CRC move. This group comprises representatives from all collections-based departments in close cooperation with Information Services and is ably coordinated by Anthropology Registrar Dorren Martin-Ross. During the year, regular meetings led to a clarification of basic issues and generation of a full inventory of existing databases. As part of their deliberations, members of the Task Force made visits to departments to see existing databases in action. Following her appointment as Collections Database Architect in the fall, Joanna MacCaffrey joined the Task Force and greatly facilitated the development of a detailed list of specifications for a suitable software platform for inclusion of collections databases and transfer of existing databases as appropriate.

### Education, Exhibits, and Outreach

With respect to both research and higher education, Academic Affairs continued to maintain active connections with local universities, notably the University of Chicago (particularly with its renowned Committee on Evolutionary Biology), with the University of Illinois at Chicago (where a special agreement between the Anthropology Departments ensures a particularly close link) and with Northwestern University. Continuing the previous pattern, members of Academic Affairs taught numerous courses at these three institutions and a number of others, and the existing strong university links provided the basis for training of numerous graduate students at The Field Museum—60 “Resident students” in 2002, and dozens of others who have FM faculty serving on their thesis committees.

Academic Affairs staff members were engaged in a wide variety of training initiatives not only in collaboration with local universities but also in other contexts, both in Chicago and overseas. Continuing the previous pattern, training activities placed special emphasis on stimulating young entrants, encouraging women and minorities and transferring knowledge and skills to trainees from emerging nations. As outlined in the “Training Programs” section, much of this effort took place in combination with the continued emphasis on conservation-oriented programs, most prominently in South America, Africa and Madagascar, while local collaborative conservation initiatives—notably Chicago Wilderness and the Lake Calumet project—continued to be an important part of the overall picture.

Academic staff continue to be involved in detailed planning for thorough renovation of the existing exhibitions Americas and Life Over Time. In both cases, outline planning has reached an advanced stage.

In addition, as a proactive contribution from Academic Affairs to future exhibitions, a subcommittee was established to examine potential concepts for new temporary exhibits and more effective exposure of the activities and achievements of Academic Affairs staff to Museum visitors. CCUC's Urban Research Initiative was the source for a special exhibit, *Urban Gardens: Growing Chicago's Communities*, which was mounted in the Marae gallery in spring 2002. Developed in partnership with the Openlands Project, the display of 58 photographs examined the "secret gardens" of Chicago's neighborhoods and the remarkable impact they have had on their communities.

CCUC kicked off its new season of Cultural Connections programs on September 12 with a program entitled *Peace at Hand*. Representatives of most of the twenty cultural museums and centers that are CCUC's Cultural Connections partners came together in Stanley Field Hall to share information about their facets of Chicago's cultural diversity with each other and the program participants. Nearly 300 people, including many Chicago public school teachers and families and members of the many other Chicago communities, attended the event.

Contributions of FM scientific staff to the public dialogue on natural history issues are numerous. To take just two examples: In the first, Environmental Educator Carol Fialkowski (ECP) was a featured speaker at two sessions of the University of Chicago's Graham School of Continuing Education "Know Your Chicago" lecture and tour series. Individual sessions, which were devoted to the topic "Calumet: Where Industry Meets Nature," were attended by over 120 participants, and focused on the Museum's rapid inventories, the Biodiversity Blitz, the work of CCUC in community asset mapping, and education and community stewardship efforts. Secondly, Collections Manager Dave Willard, Assistant Curator Shannon Hackett, Collections Assistant Mary Hennen and Associate Curator and Chair John Bates (all Zoology/Birds) participated in the Chicago Humanities Festival in the fall. The subject of this year's Festival was "Brains and Beauty," with a series on November 2 devoted to specifically birds. Our ornithologists presented a talk on the bird collections to more than 100 attendees, and toured some 50 people through the collections.

### Global Fieldwork and Research

Fieldwork is a vitally important activity, permitting academic staff to achieve a better understanding of the original environmental context of the specimens in their care and, in the case of biological topics, to conduct scientific research under natural conditions. In many cases, where this is possible and ethically justifiable, it also provides opportunities to make new collections. Last but not least, it allows Museum staff to return some of the information and knowledge gleaned from the collections to peoples and areas from which the collections originated. In 2002, members of Academic Affairs were once again engaged in numerous field projects around the world, visiting some 27 countries. Representative projects included lion research in Kenya, archaeological excavations in Oaxaca, Mexico, Shandong, China, and coastal Peru, ethnographic research in Prague, botanical collecting in China, Vietnam, and Peru, a fungal foray in Costa Rica, a fossil plant expedition to Jameson Land, East Greenland, mollusk collecting in the Alps of South Tyrol, fossil mammal reconnaissance in Chile, and deep-sea dives to study marine life in the North Pacific. Field Museum scientists also conducted fieldwork stateside, from mammal surveys in Utah, and insect inventories in Dixon Springs State Park, as well as video recording of fish behavior off Kauai, Hawaii. Research visits to other institutions also play a vital role in the science carried out by FM researchers, establishing and strengthening academic links and providing a basis for collaborative projects. Curators and professional staff conducted research trips during the past year to institutions in such far-off places as Zürich, Brazil, Gibraltar, Milan, and Texas, as well Illinois and Indiana.

### Environmental Conservation

Much of the fieldwork carried out by Field Museum staff contributes directly to conservation action. As a case in point, on January 30, Ecuador's Ministry of Environment declared the new Reserva Ecologica



Cofan de Bermejo based on recommendations made by the summer 2001 rapid biological inventory (RBI) conducted by ECP and local Cofan communities. At the event, Director, ECP Debby Moskovits and members of the RBI field team formally presented the scientific results and report. In February Director Alaka Wali (CCUC) traveled to Peru to visit communities near the new Cordillera Azul National Park. During her week-long stay, she worked with ECP and the APECO staff to continue assessments of community capacity for stewardship of the park. Later in the year, Debby Moskovits and Manager of International Programs Julie Smentek (ECP) traveled to Ecuador to meet with representatives of The Nature Conservancy, Wildlife Conservation Society, the Fundación para la Sobrevivencia del Pueblo Cofán and other NGOs in Quito to discuss an extension of the Cayambe-Coca reserve, near the new Reserva Ecológica Cofán de Bermejo (declared January 2002). Interest among all groups was high and ECP aims to create an MOU among them to pursue protection of the area.

In the fall, an ECP contingent conducted three rapid biological inventories (RBIs) in Cuba: in the Ciénaga de Zapata, in the Sierra de Cubitas near Camagüey, and in Pico Mogote and Siboney near Santiago de Cuba. The purpose of the RBIs is to obtain initial assessments of the conservation potential and value of specific natural areas. Field Museum staff collaborated with in-country biologists and anthropologists from the Museo de Historia Natural in Havana, BIOECO (Centro Oriental de Ecosistemas y Biodiversidad) in Santiago de Cuba and other branches of CITMA (Ministerio de Ciencia, Tecnología y Medio Ambiente). Following the fieldwork, members of the team made presentations of preliminary findings in Santiago de Cuba and Havana.

Closer to home, the Calumet Biodiversity Blitz was probably the standout conservation event of 2002. The 24-hour “BioBlitz,” which took place on August 23 - 24, is a historic event that continues to derive insightful assessments from both the collected data and the knowledge of the participants. Led by The Field Museum, a team of 130 scientists from Illinois, Indiana and Wisconsin performed a rapid inventory of the resident flora and fauna in three environmentally significant areas in the Calumet region. The goal was to provide documented baseline data for professional scientists, local community groups, educators, environmental task forces, local policy-makers, and the interested public, as an accessible resource/catalyst for implementing further study and proposed management of the area. It also served as a public-educational “showcase” of this unique biologically and historically rich area, known for its long legacy of misuse that has seriously impacted the quality of the environment and living conditions of the populace that it serves. The resulting, much deserved attention brought to this significant region in Chicago’s vast metropolis has, and hopefully will continue to inspire continuing interest and inventories, formal management plans, vital land reclamation, and the necessary involvement of the local inhabitants to serve as stewards to this remarkable inheritance. As of the publication of this report in March 2003, the current standing of species documented is 2259.

To begin data synthesis to inform the conservation design of Calumet's Hegewisch Marsh—the potential site for the City of Chicago’s new environmental center—Conservation Ecologist Douglas Stotz, Environmental Educator Carol Fialkowski, and Chicago EcoWatch Program Coordinator Michelle Johnson (all ECP) hosted a meeting with Illinois Natural History Survey and Sun Consultants. One highlight was the presentation of results of a plant survey that presented an encouraging floristic quality. In addition, over 1500 species of insects have been found and are currently being identified by the Illinois Natural History Survey. The next steps in the conservation design of this site are surveys of herps, spring plants, and fish, as well as a study of the site’s hydrology.

Following a biological inventory in Yunnan, China, in the spring, Associate Curator Jun Wen and Curator and Chair Greg Mueller (both Botany) met with officials in Kunming and Beijing to discuss collaboration in the areas of biodiversity, systematics, and biogeography. At the Kunming Institute of Botany they met with the Dean, Faculty of Conservation Biology at Southwest Forestry University (SFU) and scientists, including two Deputy Directors. Greg is being appointed Adjunct Professor at SFU as a result of these discussions. In Beijing, they met with scientists at the Institute of Botany and the Systematic Mycology and Lichenological Laboratory in the Institute of Microbiology and with the Director of Biological Science at the Chinese Academy of Sciences (CAS).

Finally, as detailed in the "Training Programs" section, several ongoing Zoology programs in Madagascar, Bhutan, the Democratic Republic of Congo, South America and the Philippines, and a developing Mycology program in Costa Rica, are making fundamental contributions to the capacity of local scientists to document and preserve the biodiversity of their own countries.

### Media Highlights

In 2002, Academic Affairs staff received extensive and even more effective coverage of their activities, reflecting an excellent working relationship with Public Relations, notably with PR's designated Media Manager for Academic Affairs, Greg Borzo. With the expertise of Greg and the PR team, and the high-caliber work of our researchers, the impact of Field Museum science seemed to be in the headlines virtually every day—not only in local venues such as the Daily Southtown, Chicago Sun-Times, Chicago Tribune, WBEZ radio, WMAQ and WGN television, but even more broadly: in The New York Times, London's Independent, BBC, Scientific American, CNN, BBC Wildlife Magazine, Discover, The Washington Post, Wissenschaft-online (a German science news service), Science Daily, and CBC News, National Geographic and even Parent's Magazine.

### New Initiatives

A number of new initiatives were launched in 2002 aimed at maintaining and enhancing the excellence of the Museum's core functions. Kicking off a rolling program of external reviews of individual departments in Academic Affairs, in fall 2002 a panel of three anthropologists concluded an external review of the Center for Cultural Understanding and Change (CCUC), the first such review for the unit since its creation in 1994. The review panel was comprised of Timothy Earle (Northwestern University), Nancy Parezo (University of Arizona), and Jeremy Sabloff (University of Pennsylvania). The panel's report cited CCUC's many successes, including Cultural Connections, the Urban Research Initiative, its links with local universities and colleges, its contribution of ethnographic work to environmental conservation efforts, and above all its embodiment of "the centrality of proactive community involvement in the Field Museum's diverse operations." The committee praised the Museum for its risk-taking in establishing CCUC and continuing to support it, and made a series of recommendations as to how the Museum can build on the original commitment to assure CCUC's long-term viability and increase its effectiveness.

In an effort to strengthen its own professionalism and expertise, during the year the Professional Staff (i.e., non-curatorial staff) engaged in a detailed review of conditions, expectations and entitlements, with the aim of producing a document comparable in scope to the Curatorial Ranks guidelines established for curatorial staff. A draft document was compiled by the end of the year and will be subjected to detailed discussions in 2003.

A special gift of \$100,000 was made by the Women's Board to the Vice President (AA) at the beginning of the year for pump-priming of new initiatives. This generous gift was used to fund four ventures:

- Establishment of a regular weekly research seminar series, open to all FM staff, with a program including both in-house speakers and invited guest speakers. The series rapidly established a regular attendance figure of about 50; 30 seminars were held in the course of the year. The program was coordinated by Assistant Curators Maureen Kearney (Zoology), Antonio Curet (Anthropology), Peter Makovicky (Geology), and Bryophyte Collections Manager Matthew Von Konrat (Botany).
- Establishment of a scheme of special grants to enable members of the Professional Staff (particularly recent entrants) to attend conferences, workshops and training sessions. 22 different Professional Staff members benefited from this new scheme, which was much appreciated.

- Purchase of a 12-year set of records for the Web of Science (Institute for Scientific Information) dating back to 1990, including both the Science Citation Index and the Social Sciences Citation Index. A welcome addition to the Museum Library's research resources, the cost of the annual subscription for Web of Science will be borne by Academic Affairs. The main functions of the tool are assessment of citation records for individual authors, and structured literature searches.
- Renovation of two rooms in the Pritzker Molecular Laboratory to increase its capacity and further enhance its remarkably high level of productivity. The changes almost doubled the number of available spaces for staff and students working on studies of DNA sequences.

### Future Prospects

In 2003, as in previous years, a special effort will be made to re-affirm and further enhance the core activities of Academic Affairs: effective curation, fundamental research and publication. A key undertaking will be development of a comprehensive framework for "biodiversity science," combining the facts and principles emerging from basic research with a multi-level training program as a proper foundation for future action in the practical arena of environmental conservation. That framework will feed directly into a quest for major institutional funding to support our core scientific activities. Partly in this connection, active exploration of possibilities for even closer connections with local universities will be pursued.

The new, very successful research seminar series that was organized in 2002 with the aid of a special grant from the Women's Board will be continued in 2003 using funds from the Academic Affairs budget.

During 2003, the staff of Academic Affairs will be actively involved in preparing, launching and participating in the "Year of Biodiversity," starting in September. This museum-wide undertaking will emphasize all of the activities across the Museum—ranging from research through exhibits to education programs—that are concerned with understanding and conserving biological diversity.

Having taken effective steps in 2002 to fill three Curatorships in Botany, thus dramatically consolidating the research base in that department, we have reached the capacity permitted by present funding levels. However, we intend to fill the vacant Curatorship in Zoology and one remaining vacant Curatorship in Botany as soon as possible. Academic Affairs also aims to return to implementation of the Strategic Plan as soon as the financial climate permits. A key objective remains the augmentation of staff engaged in collections management. There is also a new element to consider, in that current work on planning for collections databases has clearly identified a need for dedicated positions for data entry and database maintenance. For this and other reasons, the Academic Affairs Management Group will engage in additional strategic planning in 2003 to ensure that our objectives keep pace with new developments.

The Task Force established to develop plans for coordination of collections databases will continue its work in close collaboration with Information Services. The long-term goal is to develop a coordinated approach that encompasses as many different databases for individual collections as possible, while allowing for the inevitable differences between them. Having established a detailed inventory of existing databases, software and needs in 2002, the first steps towards practical implementation of new measures will be taken in 2003. On the basis of detailed specifications already developed, one software solution (or perhaps a small number of such solutions) will be selected for testing early in 2003, and grant proposals will be developed to launch pilot projects.

In 2003, planning for the new cryogenics facility and preparations for the move to the Collections Resource Center (CRC) in 2004 will move into top gear. The Task Force established to oversee these developments will continue its work, aided by the temporary staff in Anthropology, Geology and Zoology that are being appointed as the need arises. One goal of the Task Force for Collections Databases is to identify and implement appropriate measures for certain collections that will be moving to the CRC.

With respect to laboratory facilities, in 2003 strong emphasis will be placed on the search for funds to permit implementation of the long-standing plan to construct a new Conservation Laboratory in Anthropology and to permit expansion of the Pritzker Laboratory, to include a public exhibit section. Possibilities for compactization of the Botany and Insect collections will also remain very high on the list of priorities.

The ongoing review of conditions and benchmarks for professional staff should be completed in 2003, after input from Human Resources and consideration of detailed proposals by the Curators.

The Vice President and other Curators, as appropriate, will continue to be closely involved in plans for the redevelopment of the permanent exhibitions Americas and Life Over Time. The Academic Affairs subcommittee that is currently evaluating suggestions for special exhibits will also produce a report that is confidently expected to lead on to some valuable new developments.

In closing, all of the staff in Academic Affairs once again deserve full recognition for their continued great dedication and outstanding productivity in 2002. Despite the continuing need for financial restraint, this was an excellent year in terms of original research, publication, education, public service and fundraising across a remarkably wide spectrum. With the investments that have been made for ongoing academic initiatives, it is already certain that 2003 will also prove to be a year of significant achievements.

Robert D. Martin  
Curator of Biological Anthropology  
Provost and Vice President, Academic Affairs

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## ACADEMIC AFFAIRS STAFF LIST

(\* indicates staff who left their posts in the course of 2002)

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#### DAVID WILLARD

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#### PHILIP WILLINK

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## CONFERENCES, SYMPOSIA, WORKSHOPS AND INVITED LECTURES, 2002

### DEPARTMENT OF ANTHROPOLOGY

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Annual Meeting of the Society for American Archaeology, Denver, CO; University of Leiden, The Netherlands; Segundo Congreso Colombiano de Arqueología (in absentia), Asociación de Arqueología Colombiana, Ibagué, Colombia; Plenary session, Archaeology Month, State Historic Preservation Office, San Juan, Puerto Rico.

Scott Demel

Illinois Archaeological Survey (IAS) Annual Meeting, Bloomington; Illinois Association for the Advancement of Archaeology Annual Meeting, Rockford, IL; Chicago Archaeological Society, Evanston, IL.

Gary M. Feinman

Irrigation and Society Conference, University of California, Los Angeles, CA; Tercera Mesa Redonda de Monte Albán, INAH, Oaxaca City, Oaxaca; 17th Congress of the Indo-Pacific Prehistory Association, Taipei, Taiwan; 67th Annual Meeting of the Society for American Archaeology, Denver, CO; The Cotsen Institute of Archaeology, University of California, Los Angeles, CA; 2<sup>nd</sup> Global Dimensions Workshop, The Field Museum, Chicago, IL.

Jonathan Haas

Symposia on the Archaic in the Andes, Annual Meeting of the Society for American Archaeology, Denver, CO; Symposium on Foundations and Relations of Power in the Prehispanic Andes, Annual Meeting of the American Anthropological Association, New Orleans, LA; Midwest Conference on Andeanists, Kalamazoo, MI.

Helen Haines

The Maya Symposium, Burpee Museum, Rockford, IL.

Robert L. Hall

Illinois Association for the Advancement of Archaeology, Rockford, IL; Midwest Archaeological Conference, Columbus, Ohio; American Society for Ethnohistory, Quebec, Canada; Illinois Archaeological Survey Annual Meeting, Normal, IL; University of Arkansas, Fayetteville, AK.

Chuimei Ho

Association for Anthropology and Gerontology Annual Conference, Northwestern University, Chicago, IL; North Shore Senior Center, Northfield, IL; Community Care Program Certification Training, Illinois Department on Aging, Chicago, IL.

Laura Junker

Visayan Archaeological Summit, Cebu City, Philippines.

Chap Kusimba

2<sup>nd</sup> Chicago Complex Society Meeting, Field Museum, Chicago, IL; American Anthropological Association Meetings, New Orleans, LA.

Robert D. Martin

"Genes, Peoples and Languages" Conference, Institute for Pure & Applied Mathematics, University of California, Los Angeles, CA; National Science Foundation NEON workshop, The Field Museum; Third International Workshop on Reproductive Immunology / Immunological Tolerance & Immunology of Pre-Eclampsia, Mauritius.

Dorren Martin-Ross

Joint meetings of the American Law Institute, American Bar Association, and the American Association of Museums, Los Angeles, CA.

Steven E. Nash

Society for American Archaeology, Denver, CO; Mogollon Conference, Las Cruces, NM.

Linda Nicholas

Tercera Mesa Redonda de Monte Albán, INAH, Oaxaca City, Oaxaca.

Joel Palka

Society of Historical Archaeology, Mobile, AL.

Katherine Ridgway

30th Annual Meeting, American Inst. for the Conservation of Historic and Artistic Works, Miami, FL.

Anna C. Roosevelt

The A. Watson Armour III Spring Symposium, Field Museum; Workshop, Chicago School of Complex Society Archaeology, Field Museum; American Association for the Advancement of Science, Boston; "A Window to the Past: A Door to the Future," Anniversary Lecture, University of Colorado Museum of Natural History Centennial, Boulder; Amazonian Archaeology Roundtable Luncheon, Society of American Archaeology, Denver; Anthropological Archaeology, School of American Research, Society for American Archaeology, Denver, CO; Intel Science Awards, Washington, DC.

John Edward Terrell

67<sup>th</sup> Annual Meetings of the Society for American Archaeology, Denver, CO; Annual Meetings of the American Anthropological Association, New Orleans, LA.

Alaka Wali

American Anthropological Association Annual Meetings, New Orleans; Grantmakers in the Arts, Charlotte, NC; National Science Collections Alliance, Washington, DC; Center for Social Media, American Univ., Washington, DC; Urban Institute Arts and Cultural Indicators Project Meetings, Washington, DC; Women's Lens on Global Issues, Chicago; International Symposium on Society and Resource Management, Indiana Univ., Bloomington; Chicago Center for the Arts Policy, "Democratic Vistas," Chicago; Museum Exhibit Planning Workshop, American Anthropological Association, Arlington, VA; Cultural Policy Center, University of Chicago; Latin American Studies Program, Northwestern Univ., Evanston, IL; Friends of Anthropology (FAN) symposium, Northwestern Univ.

Cameron B. Wesson

South Suburban Chicago Archaeological Society, Chicago, IL; Southeastern Archaeological Conference, Biloxi, MS; Sauk Trail Archaeological Society, Biloxi, MS.

Patrick Ryan Williams

Annual Meeting, Institute for Andean Studies, Berkeley, CA; Annual Midwest Conference, Andean and Amazonian Archaeology and Ethnohistory, Western Michigan University, Kalamazoo, MI; Annual Meeting, Society for American Archaeology, Denver, CO; Annual Northeast Conference, Andean Archaeology and Ethnohistory, University of Pittsburgh, Pittsburgh, PA; Annual Meeting, American



Anthropological Association, New Orleans, LA; Seminario Internacional Sobre Datación Radiocarbonica, Museo Nacional de Antropología, Arqueología y Historia, Lima, Peru.  
DEPARTMENT OF BOTANY

Michael O. Dillon

9<sup>th</sup> Peruvian National Botanical Congress, Iquitos, Peru; Louisiana State University, Baton Rouge, LA; Michigan Botany Club, Hastings, MI.

Eve Emshwiller

University of Cincinnati, Cincinnati, OH; Carnegie Museum of Natural History, Pittsburgh, PA; American Society of Plant Taxonomists Annual Meeting at Botany 2002, University of Wisconsin, Madison, WI; Society of Economic Botany, New York, NY.

Sabine M. Huhndorf

Seventh International Mycological Congress, Oslo, Norway; Fourth NSF PEET (Partnership for Enhancing Expertise in Taxonomy) Workshop, Berkeley, CA; Workshop on Training in Taxonomy of Tropical Ascomycete Fungi, Costa Rica.

Patrick R. Leacock

Mycological Society of America Annual Meeting, Corvallis, OR; North American Mycological Association Annual Meeting, Diamond Lake, OR.

Robert Lücking

A. Watson Armour III Spring Symposium, Field Museum, Chicago, IL; IV Congreso Latinoamericano de Micología, Xalapa, Mexico; Instituto de Biología, UNAM, Mexico; 7th International Mycological Congress, Oslo, Norway.

Anthony D. Mitchell

American Society of Plant Taxonomists Annual Meeting at Botany 2002, University of Wisconsin, Madison, WI.

Gregory M. Mueller

Deep Hypha meeting, LSU, Baton Rouge; Latin American Mycological Congress, Xalapa, Mexico; Natural Science Collections Alliance Annual Meeting, Washington, DC; International Mycological Congress, Oslo; Midwestern Mycologists Annual Meeting, IN.

Christine Niezgoda

Annual Meeting for the Society for the Preservation of Natural History Collections (SPNHC), Montreal, Canada.

Djaja Djendoel Soejarto

All-ICBG (International Cooperative Biodiversity Groups) Review Panel Meeting, NIH, Bethesda, MD; International Symposium on Intellectual Property Rights and Traditional Knowledge on Genetic Resources in Pharmaceutical and Cosmetics Business, Tokyo, Japan; UIC-based International Cooperative Biodiversity Group Annual Meeting, Hanoi, Vietnam; Workshop on New Models in Technology Transfer and IPR Management, Hanoi, Vietnam, and Vientiane, Laos.

Betty A. Strack

Latin American Mycological Congress, Xalapa, Mexico; Natural Science Collections Alliance Annual Meeting, Washington, D. C.; International Mycological Congress, Oslo; Midwestern Mycologist Annual Meeting, IN.

Jun Wen

Symposium on Molecular Evolution, Chinese Academy of Sciences, Beijing, China; Botany 2002, American Society of Plant Taxonomists, Madison, WI; The Symposium of Species-Level Systematics, International Association for Plant Taxonomy, Leiden, the Netherlands.

#### CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Janis Bristol Alcorn

American Anthropological Association Annual Meetings, New Orleans, LA.

Rosa Cabrera

Central States Anthropological Society Annual Meetings, East Lansing, MI; American Anthropological Association Annual Meetings, New Orleans, LA; American Association for the State and Local History, Portland, OR.

Raymond Codrington

American Anthropological Association Annual Meetings, New Orleans, LA; Museum Exhibit Planning Workshop, American Anthropological Association, Arlington, VA; National Conference of Professionals in the Cultural Sector, The Chicago Cultural Center, Chicago, IL.

Hilary del Campo

Central States Anthropological Society Annual Meetings, East Lansing, MI; American Anthropological Association Annual Meetings, New Orleans, LA; Calumet Heritage Partnership Conference, Chicago; 3<sup>rd</sup> Annual "MAP" (Madre de Dios, Peru, Acre, Brazil, Pando, Bolivia) Regional Workshop; 4<sup>th</sup> Annual Ethnography Conference, Chicago, IL.

Mario Longoni

Central States Anthropological Society Annual Meetings, East Lansing, MI; American Anthropological Association Annual Meetings, New Orleans, LA; Chicago Association for the Practice of Anthropology (CAPA), Chicago, IL.

Michaela Marchi

National Association for Multicultural Education (NAME), Washington, DC.

Rebecca Severson

Central States Anthropological Society Annual Meetings, East Lansing, MI; American Anthropological Association Annual Meetings, New Orleans, LA; The Arts and Culture Funders Group, Donor's Forum of Chicago, Chicago, IL; State of Race and Poverty Conference, Chicago, IL; Chicago Association for the Practice of Anthropology (CAPA), Chicago, IL; "Participatory Research" Workshop, American Psychology Association, Chicago, IL; "Participatory Action Research" Lecture, Cook County Hospital, Chicago, IL; Anthropology Forum, Northwestern University, Evanston, IL.

Madeleine Tudor

Central States Anthropological Society Annual Meetings, East Lansing, MI; American Anthropological Association Annual Meetings, New Orleans, LA.

Alaka Wali

(see Department of Anthropology)

#### ENVIRONMENTAL CONSERVATION PROGRAMS

Dan Brinkmeier

Facultad Latinoamericana de Ciencias Sociales (FLACSO), Ecuador, Quito; Education Department, Museo de Historia Natural Noel Kempff, Mercado, Santa Cruz, Bolivia; American Anthropological Association Annual Meeting, New Orleans, LA.

Edna Davion

ATB Conference, Panama City, Panama; VIII Congress of Latinamerican Botanists, Cartagena, Colombia.  
Carol J. Fialkowski

Midwest Environmental Education Conference and Leadership Clinic, St. Charles, IL; Chicago Wilderness Congress, Libertyville, IL; Rare Plant Task Force Meeting, Titusville, FL; Garden Club of America Annual Meeting, Chicago, IL; North American Association for Environmental Education Annual Conference, Boston, MA; Illinois Department of Natural Resources Director's Meeting, Springfield, IL; Conservation Psychology Conference, Brookfield Zoo, Brookfield, IL; National Plant Conservation Education Planning Workshop, Chicago Botanic Garden, Glencoe, IL; Native Waters Advisory Committee Meeting, St. Paul, MN.

Robin B. Foster

Annual Symposium, Association for Tropical Biology, Panama; Latin American Botanical Congress, Cartagena, Colombia.

Jennifer Shopland

Society for Conservation Biology Annual Meeting, University of Kent-Canterbury, Canterbury, U. K.

Thomas S. Schulenberg

3<sup>rd</sup> North American Ornithological Conference, New Orleans, LA.

Douglas F. Stotz

Illinois Ornithological Society, Galena, IL; Illinois Important Bird Area Workshop, Champaign, IL.

#### DEPARTMENT OF GEOLOGY

Lorie Barber

Society of Vertebrate Paleontology Annual Meeting, Norman, OK.

Lisa Bergwall

Society of Vertebrate Paleontology Annual Meeting, Norman, OK.

Darin Croft

Society of Vertebrate Paleontology Annual Meeting, Norman, OK.

Marlene Hill Donnelly

Guild of Natural Science Illustrators' Summer Workshop on Botanical Illustration, Morton Arboretum, Lisle, IL; Field sketching and Photography workshop, Chicago Botanic Garden, Glencoe, IL.

John J. Flynn

Society of Vertebrate Paleontology Annual Meeting, Norman, OK; 5<sup>th</sup> International Symposium on Andean Geodynamics, Toulouse, France; Universidad Católica, Santiago, Chile; FM Geochronology discussion group; Department of Geophysical Sciences, University of Chicago; Yale University, New Haven, CT; American Association of Chile, Santiago, Chile; Chile FONDAP "Biodiversity" project symposium and Departamento de Ecología Seminar Series, Universidad Católica, Santiago, Chile.

Lance Grande

Society of Vertebrate Paleontology Annual Meeting, Norman, OK.

Lori Grove

Annual Meeting of the Guild of Natural Science Illustrators (GNSI), University of Kansas, Lawrence, KS; Digital Prepress and Color Scanning workshops, GNSI Annual meeting.

Eric Hilton

Society for Integrative and Comparative Biology Annual Meeting, Chicago, IL; American Society of Ichthyologists and Herpetologists Annual Meeting, Kansas City, MO; Society of Vertebrate Paleontology Annual Meeting, Norman, OK.

Rebekah Hines

Society for the Preservation of Natural History Collections, 17<sup>th</sup> Annual Meeting, Redpath Museum, Montréal, Québec, Canada; 4<sup>th</sup> Conference on Partnership Opportunities for Federally Associated Collections, Smithsonian Institution, Washington, DC.

Philip E. Janney

Oceanic Mantle Dynamics Workshop, Snowbird, UT; American Geophysical Union Fall Meeting, San Francisco, CA.

Nate Kley

Joint Meeting of the American Society of Ichthyologists and Herpetologists, Herpetologists' League, Society for the Study of Amphibians and Reptiles, and American Elasmobranch Society, Kansas City, MO; Cornell University, Ithaca, NY.

Yusheng Liu

The 19<sup>th</sup> Midcontinent Paleobotanical Colloquium, University of Florida at Gainesville; Society for the Preservation of Natural History Collections, 17<sup>th</sup> Annual Meeting, Redpath Museum, University of McGill, Montreal, Canada; 4<sup>th</sup> Conference on Partnership Opportunities for Federally Associated Collections, Smithsonian Institution, Washington, DC.

Peter J. Makovicky

XXI Meeting of the Willi Hennig Society, Helsinki, Finland; University of Chicago EvMorph Seminar Series; The Field Museum Research Seminar Series; University of Southern California, Dept. of Earth Sciences, Seminar Series.

Jenny McElwain

The 19<sup>th</sup> Midcontinent Paleobotanical Colloquium, University of Florida at Gainesville; Geological Society of America, Denver, CO.

Olivier Rieppel

Sixth International Congress of Systematics and Evolutionary Biology, Patras, Greece; Society of Vertebrate Paleontology Annual Meeting, Norman, OK.

Akiko Shinya

Society of Vertebrate Paleontology Annual Meeting, Norman, OK; acid preparation technique training, University of Michigan, Ann Arbor, MI.

William F. Simpson

Meeting of Preparators' Award Committee of the Society of Vertebrate Paleontology, Washington, DC; Society of Vertebrate Paleontology Annual Meeting, Norman, OK.

Wendy Taylor  
Society for the Preservation of Natural History Collections (SPNHC) meeting, Montreal, Canada.

Constance Van Beek  
Society of Vertebrate Paleontology Preparators' Symposium, Norman, OK.

Meenakshi Wadhwa  
Lunar and Planetary Science Conference, Houston, TX; American Geophysical Union Spring Meeting, Washington, DC; Meteoritical Society Meeting, Los Angeles, CA; 12<sup>th</sup> Annual Goldschmidt Meeting, Davos, Switzerland; Workshop on "Unmixing the SNCs", Lunar and Planetary Institute, Houston, TX.

Peter J. Wagner  
Lyell Meetings, London, U.K.; Geological Society of America meetings, Denver, CO.

Gina D. Wesley  
Society of Vertebrate Paleontology Annual Meeting, Norman, OK; Annual Meeting, American Society of Mammalogists, Lake Charles, LA.

#### PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin Feldheim  
American Elasmobranch Society Meetings, Kansas City, MO; Evolutionary Morphology Series, University of Chicago; Doctoral Dissertation, University of Illinois at Chicago.

#### DEPARTMENT OF ZOOLOGY

John M. Bates  
A. Watson Armour III, Spring Symposium; Evolutionary Morphology Series, University of Chicago; American Ornithologists' Union Meetings, New Orleans, LA; American Ornithologists' Union Meeting, New Orleans, LA; National Science Foundation NEON workshop, The Field Museum; Workshop on Conservation Programs in the Field Museum.

Rüdiger Bieler  
International Marine Bivalve Workshop, Long Key, FL; National Science Foundation NEON Workshop, Field Museum; NSF PEET-IV Meeting, Berkeley, CA.

Barry Chernoff  
American Society of Ichthyologists and Herpetologists, Kansas City, KS; Guyana Shield Conservation Priorities Workshop, Paramaribo, Surinam; Schuman Lecture Series in Environmental Studies, Wesleyan University, Middletown, CT; Carnegie Mellon University, Pittsburgh, PA.

Jochen Gerber  
American Malacological Society, 68<sup>th</sup> Meeting, Charleston, SC; Friedrich-Held-Gesellschaft, Malacological Symposium on the occasion of the 60<sup>th</sup> birthday of Gerhard Falkner, Erding, Germany.

Shannon J. Hackett  
American Ornithologists' Union Annual Meeting, New Orleans, LA; Tree of Life Symposium, New York, NY; "Assembling the Tree of Life Early Bird and Archosaur" Workshop, New York, NY; Evolution Group, Northwestern University, Evanston, IL.

Lawrence R. Heaney  
University of Wisconsin, Parkside; Wildlife Conservation Society of the Philippines Annual Meeting,  
Cebu City, Philippines.

Robert F. Inger  
IUCN Workshop on Conservation Status of Amphibians of South Asia, Coimbatore, India; IUCN  
Workshop on Conservation Status of Amphibians of Southeast Asia, Bangkok, Thailand.

Maureen Kearney  
Joint Meetings of the American Society of Ichthyologists and Herpetologists, Herpetologists' League,  
Society for the Study of Amphibians and Reptiles, and American Elasmobranch Society, Kansas City, MO;  
Society of Systematic Biologists, Champaign, IL; Society of Vertebrate Paleontology, Norman, OK;  
Northwestern University, Evanston, IL; Washington University, St. Louis, MO.

James B. Ladonski  
Joint Meetings of the American Society of Ichthyologists and Herpetologists, Herpetologists' League,  
Society for the Study of Amphibians and Reptiles, and American Elasmobranch Society, Kansas City, MO.

Alfred F. Newton  
17th Meeting "Staphylinidae," Naturhistorisches Museum, Vienna, Austria.

Bruce D. Patterson  
College of Liberal Arts & Sciences, Oklahoma State University, Stillwater, OK; Department of Biological  
Sciences, University of Illinois at Chicago, Chicago, IL; American Society of Mammalogists, Lake Charles,  
LA; Earlham College Semester Abroad in Africa, Taita Discovery Centre, Kenya; National Museums of  
Kenya, Nairobi, Kenya; African-Asian Ventures, Taita Discovery Centre, Kenya; Moi High School  
(Nairobi), Taita Discovery Centre, Kenya.

Alan Resetar  
Indiana Nongame Program, Amphibian and Reptile Technical Advisory Committee meeting,  
Indianapolis, IN; Indiana Academy of Sciences, Indianapolis, IN; Joint Meetings of the American Society  
of Ichthyologists and Herpetologists, Herpetologists' League, Society for the Study of Amphibians and  
Reptiles, and American Elasmobranch Society, Kansas City, MO.

Petra Sierwald  
National Science Foundation NEON Workshop CRIPTON, The Field Museum.

William Stanley  
American Society of Mammalogists, Lake Charles, LA; Tanzania Wildlife Research Institute meeting  
Arusha, Tanzania.

Kevin Swagel  
Joint Meetings of the American Society of Ichthyologists and Herpetologists, Herpetologists' League,  
Society for the Study of Amphibians and Reptiles, and American Elasmobranch Society, Kansas City, MO.

Margaret K. Thayer  
"Biogeographic Theory and Analysis" Workshop, University of Nebraska, Lincoln, NE; Digital imaging  
Workshop, PEET IV conference, University of California, Berkeley, CA; Department of Entomology,  
University of Illinois, Urbana-Champaign, IL.

Janet R. Voight

Society for the Study of Evolution, Champaign, IL; American Malacological Society meeting, Charleston, SC (in absentia); American Geophysical Union Meeting, San Francisco, CA (in absentia).

Harold K. Voris

Joint Meetings of the American Society of Ichthyologists and Herpetologists, Herpetologists' League, Society for the Study of Amphibians and Reptiles, and American Elasmobranch Society, Kansas City, MO; Indiana Academy of Sciences, Indianapolis, IN; Butler University Undergraduate Research Conference, Indianapolis, IN; Northern Kentucky University; Department of Biological Sciences, Chulalongkorn University, Bangkok, Thailand.

Mark W. Westneat

Society for Systematic Biology, Champaign-Urbana, IL; Society for Integrative and Comparative Biology, Anaheim, CA; American Society of Ichthyologists and Herpetologists, Kansas City, MO; Fin-Based Locomotion Workshop, Office of Naval Research, Washington, DC.

Philip Willink

Calvin College, Grand Rapids, MI; University of Michigan Museum of Zoology, Ann Arbor, MI; American Society of Ichthyologists and Herpetologists, Kansas City, MO.

## MUSEUM AND PUBLIC SERVICE, 2002

(Editorships, Committees, etc.)

### DEPARTMENT OF ANTHROPOLOGY

Bennet Bronson

Field Museum: Science Advisory Council; Collections Committee; Acting Chair, Anthropology Department; Chair, Anthropology Department Acquisitions Committee; Co-Chair, Anthropology Department Collections Resource Center Project.

External: Chicago Sister Cities Committee; Chinatown Museum Foundation; Associate Editor, ACRO Update, Asian Ceramics Research Organization.

L. Antonio Curet

Field Museum: Information Technology Committee; Information Policy Committee; Research Seminar Series Committee; Noon Balloon Coordinator, Department of Anthropology; Public Lecture Coordinator, Department of Anthropology; Content Specialist, Americas project.

External: Editorial Board of the Journal of Caribbean Archaeology; Chair, Committee of the Americas, Society for American Archaeology; Chair, Task Force on Diversity, Society for American Archaeology; Directory and IACA 2000, International Association for Caribbean Archaeology; Newsletter Working Group, International Association for Caribbean Archaeology; Board Member, Puerto Rican Arts Alliance; Religious Education Board, Corpus Christi Catholic Church; Archaeological Consultant, City of Ponce, Puerto Rico.

Gary M. Feinman

Field Museum: Academic Affairs Management Group; Deaccessions Policy Committee, Boyd Postdoc Selection Committee; Department of Anthropology, Acquisitions Committee, Boone Intern Selection Committee, Cultural Collections Committee Intern Selection Committee; Co-sponsor for Dr. Hui Fang for Field Museum fellowship.

External: Editor, Journal of Archaeological Research; Associate Editor, Journal of World-Systems Research; Series Editor, Fundamental Issues in Archaeology, Kluwer Academic/Plenum Press. Advisory Editor, Foundations of Archaeology, Eliot Werner Publications, Inc; Advisory Editor, Foundations of Anthropology, Eliot Werner Publications, Inc; Advisory Editor, Cross-Cultural Research; Board of Editors, American Anthropological Association; Advisory Board, HRAF Collection of Archaeology, Encyclopedia of Prehistory; Editorial Advisory Committee, Latin American Antiquity; Director, Committee on Archaeology Research Center, Shandong University, China; NSF Archaeology Panel; Planning Committee, Annual Review of Anthropology; American Anthropological Association, Centennial Advisory Committee; Outside tenure/promotion review: Arizona State Univ., Ithaca College, Royal Ontario Museum, Univ. of Florida, Univ. of Michigan, Univ. of Illinois at Champaign-Urbana; Ms. referee: American Anthropologist, Kluwer Academic/Plenum Publishers, Latin American Antiquity; Grant referee: Dumbarton Oaks, J. Paul Getty Trust, NSF, School of American Research.

Jonathan Haas

Field Museum: Curatorial liaison with the Collections Committee; Lectures to Women's Board, Collections Committee, Multiple lectures on the History of Chocolate for members of the Board of Trustees; Annual Giving Lecture; Development lectures; Acquisitions Committee; Board Committee on Deaccessions Policy; Chair of Collections Resource Center planning committee; Chair, Tenure and Promotions Committee; Hosted tribal representatives from the Tlingit, Little Traverse Bay Band of Odawa Indians.

Chuimei Ho

Field Museum: Lifelong Committee, Education Department; Curator, Qianlong Exhibition; Co-editor, Asian ceramic conference proceedings, Anthropology; Co-editor, Qianlong Exhibition accompanying



volume; Reviewer, Cricket Books; Co-editor, Fujian Ceramic Proceedings, Anthropology; Reviewer, programs of Education Department.

External: Asian American Community Initiative Committee, United Way; Diversity Committee, North Shore Senior Center; President, Chinatown Museum Foundation; Judge Panelist, Chinatown Beauty Pageant; Reviewer, NEH grant proposals; Consultant, Skull & Skeleton Exhibition Planning Committee; External Examiner, Northern Territory University, Australia; External Evaluation Committee Palace National Museum, Taiwan.

Robert D. Martin

Field Museum: Collections and Research Committee; Chair, Academic Affairs Management Group; Academic Affairs and Museum-wide task forces; Content Specialist, Life Over Time revitalization; External: Committee on Evolutionary Biology, University of Chicago; IPBIR panel (NSF); review of German Primate Center.

Dorren Martin-Ross

Field Museum: Coordinator, Task Force for Collections Databases.

Stephen Nash

Field Museum: Academic Affairs Management Group; Chair, Collections Management Assistant Search Committee; Department of Anthropology Acquisitions Committee, Boone Intern Selection Committee, Cultural Collections Committee Intern Selection Committee, Repatriation Team Representative, Cultural Collections Committee.

External: Editorial Board, Bulletin of the History of Archaeology, Co-Chair, History of Archaeology Interest Group, Society for American Archaeology; Society for American Archaeology; Tree-Ring Society. Book referee: University of Utah Press, Manuscript referee: Arctic Anthropology, Tree-Ring Research; Proposal Referee, National Endowment for the Humanities.

Linda Nicholas

External: Editorial Assistant, Journal of Archaeological Research, Fundamental Issues in Archaeology (Kluwer Academic/Plenum Press series); Grant referee: National Science Foundation.

Joel Palka

Field Museum: Consultant for Chocolate exhibit.

External: "Chocolate and the Ancient Maya;" Presentation for 'Lunch and Learn Program,' Milwaukee Public Museum; "The Lacandon Maya: Culture Contact and Culture Change;" Presentation for Public Symposium on Ancient Mesoamerica, Burpee Museum, Rockford IL.

Anna C. Roosevelt

Field Museum: Disaster Planning Committee, Department of Anthropology.

External: Advisory Committee, Department of Anthropology, University of Illinois at Chicago; Executive Committee, Graduate College, University of Illinois at Chicago; Nominations Committee, American Association for the Advancement of Science; Board of Directors, Science News, Washington, DC; Vice-Chair and Member, Midwest Council, American Academy of Arts and Sciences, Cambridge, MA; Founders Board, Rainforest Alliance, New York; Consultant, The Nature Conservancy; Jury, Descartes Prize, European Commission, Brussels; Advisory Committee, Human Relations Area Files; Consultant, Companhia das Docas do Para, Brazil; Consultant, Charities Bureau, State of New York Office of the Attorney General; Associação de Amigos da Casa de Cultura, Santarem, Brazil; Consulting Editor, Latin American Antiquity, Society for American Archaeology; Peer Reviewer, Latin American Antiquity; Journal of Anthropological Research; Tipiti; University of Illinois Press.

John Edward Terrell

Field Museum: Task force for Collections Databases; Scholarship Committee; Cultural Collections Committee; Regenstein Pacific Endowment Committee; Anthropology Collections Resource Center Committee.

Alaka Wali

Field Museum: Academic Affairs Management Group; Curatorial Reappointment Committee, Anthropology Department; Chair, Search Committee for Repatriation Specialist; Editor, Perspectives on Civic Activism and City Life, Volume 2.

External: Awards Committee of the American Anthropological Association (appointed by the President); U.S. National Committee of the International Union of Anthropological and Ethnological Sciences Planning Committee; Advisory Board, Program on Dialogue Between Science, Religion and Ethics of the American Association for the Advancement of Science; Board of Trustees, The Latin School; High Jump (Program for Talented Minority Youth), Imagine Chicago; Advisory Committee of Chicago Center for Arts Policy, Columbia College; Board of Trustees, Youth Organization Umbrella (YOU), Evanston.

Cameron B. Wesson

External: Native American Relations Committee, Society for American Archaeology; Search Committee for Director of D'Arcy McNickle Center, Newberry Library, Chicago, IL; Native American Studies Committee, University of Illinois at Chicago; Faculty in Residence, University of Illinois at Chicago; Reviewer for Southeastern Archaeology, and Journal of Alabama Archaeology.

Patrick Ryan Williams

Field Museum: Scanning Electron Microscope Acquisition Committee; Visualization Laboratory Committee; Temporary Exhibits Committee.

#### DEPARTMENT OF BOTANY

William C. Burger

Field Museum: Scientific Editor, Fieldiana.

Michael O. Dillon

Field Museum: Library Committee; Chair, Flowering Plants Curator Search Committee; Botany Promotion Committee.

External: Editorial Committee, Flora Neotropica; Editorial Board, Chloris Chilensis; Honorary Professor, Universidad Nacional de Tumbes, Peru; Honorary Professor, Universidad Nacional de San Agustín, Arequipa, Peru.

Eve Emshwiller

Field Museum: Temporary Exhibits Committee; Content reviewer, Nature's Pantry web sites.

External: Manuscript reviewer, Plant Genetic Resources Newsletter; Manuscript reviewer, Novon.

John J. Engel

Field Museum: Science Advisory Council.

Susan M. Hamnik

Field Museum: Safety and Security Committee.

Sabine M. Huhndorf

Field Museum: Task force for Collections Databases.

External: Chair, Mycological Society of America Biodiversity Committee; Mycological Society of America Councilor for Systematics and Evolution.

Patrick R. Leacock

Field Museum: Chicago Wilderness Science Team; Developer, Educational Media Program (Project ER); Illinois Urban Watch Development Team (protocol and web site); Instructor, Filemaker Pro User Group.  
External: Scientific Advisor, Illinois Mycological Association; Contact for mushroom cases, Illinois Poison Center; Coordinator, Voucher Collection Committee, North American Mycological Association.  
Gregory M. Mueller

Field Museum: Chair, Department of Botany; Academic Affairs Management Group; Technology Subcommittee of Board of Trustees; Field Museum-Monsanto Environmental Education Initiative Steering Committee; Flowering Plant Curator Search Committee; Chair, Cryptogam Curator Search Committee; Environmental and Conservation Council; SEM Selection Committee; V-Plant Coordinating Group, joint Field Museum, Morton Arboretum, and Chicago Botanic Garden project; Field Museum/ University of Chicago-CEB Liaison for training grants.

External: Acting Associate Chair, Committee on Evolutionary Biology, University of Chicago; International Coordinator, National Fungal Inventory, National Institute of Biodiversity (INBio), Costa Rica; Member (USA representative), Fungi Specialist Group, The World Conservation Union (IUCN) Species Survival Commission; Mycological Society of America Representative, International Mycological Society; Distinctions Committee, Mycological Society of America; Editorial Board, Mycotaxon; Chair, Voucher Collection Committee, North American Mycological Association; Science Advisory Committee, The Nature Conservancy; Member of the Board, Natural Science Collections Alliance; Contact for mushroom cases, Illinois Poison Control Center; Scientific Advisor, Illinois Mycological Association; Organization for Flora Neotropica Commission.

Christine Niezgoda

Field Museum: Pest Committee; Task force for Collections Databases.

Djaja Djendoel Soejarto

External: Editor, Journal of Ethnopharmacology; Contributing Editor, Pharmaceutical Biology; Editorial Board, Advances in Natural Sciences; Editorial Board Actualidades Biologicas; Reviewer, National Research Foundation (NRF) grant proposal, South Africa; Invited Reviewer, book manuscript, John Wiley, New York.

Matthew von Konrat

Field Museum: Research Seminar Series Committee.

Jun Wen

Field Museum: Scholarship Committee; Promotions/Reivew Committees for Department of Zoology and Department of Anthropology; Licensing and Photo Imaging Committee; Management Committee, The Pritzker Laboratory for Molecular Systematics and Evolution.

External: Editorial Board, Journal of Plant Research; Editorial Board, Systematic Biology; Editorial Board, Acta Botanica Yunnanica (China); Treasurer, American Society of Plant Taxonomists; Finance Committee, American Society of Plant Taxonomists; Panelist, National Science Foundation, spring 2002; Panelist, National Science Foundation, fall 2002; Reviewer: American Journal of Botany; Systematic Botany; Taxon; Molecular Phylogenetics and Evolution; Annals of Missouri Botanical Garden; International Journal of Plant Sciences; Botanical Bulletin of Academia Sinica, Taiwan.

## CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Janis Bristol Alcorn

External: Editorial Board, Conservation Ecology; IUCN Working Group on Global Trends in Governance & Institutions; International Advisor, GTW (Peruvian NGO); International Advisor, CPI-Chaco (Bolivian NGO); Advisory Council for The Taiga Institute For Land, Culture and Economy (Canadian NGO); Council of AIBS; Council for The Society for Economic Botany; Medicinal Plant Specialist Group of the Species Survival Commission of the International Union for the Conservation of Nature (IUCN);

International Advisory Committee for “Bridging Scales and Epistemologies – Linking Local Knowledge and Global Science in Multi-Scale Assessments” for Millenium Ecosystem Assessment.

Mario Longoni

External: Treasurer, Chicago Association for the Practice of Anthropology (CAPA).

Michaela Marchi

External: Steering Committee, Meet the HistoryMakers: A Day of Education seminar series.

Rebecca Severson

External: President, Program Chair, Chicago Association for the Practice of Anthropology (CAPA).

Madeleine Tudor

Field Museum: Chair, Academic Affairs Temporary Exhibitions Committee; Associate Editor and Publication Manager, Perspectives on Civic Activism and City Life, Volume 2.

Alaka Wali

(see Department of Anthropology)

## ENVIRONMENTAL CONSERVATION PROGRAMS

Daniel Brinkmeier

External: Advisory committee, Chicago Urban Agriculture Project, Heifer Project International; Advisor, Eco-museum Planning and Archaeology Public Outreach Project, Trinidad, Beni, Bolivia.

Carol J. Fialkowski

External: Advisory Board, Mighty Acorns, Chicago Wilderness; Review Committee, Informal Science Education Grants, NSF; Co-Chair, National Biodiversity Educator’s Network; Grant Reviewer, American Association for the Advancement of Science; Community Advisory Board, Earth Force; Advisory Committee, Illinois Environmental Education Advancement Consortium; Steering Committee, Environmental Literacy for Illinois; Advisory Council, The Biodiversity Project; Project Leader, Environmental & Outdoor Education Initiative, Chicago Park District; Scientific Literary Advisory Board, Illinois State Board of Education; Education and Community Task Forces, Lake Calumet Initiative, City of Chicago, Department of Environment; Review Committee, Project Learning Tree, Biodiversity Modules; Advisory Board, Windows on the Wild, WWF; Coordinating Group; Communications Advisor; Urban Biosphere Reserve Task Force, Chicago Wilderness; Garden Clubs of America, Conservation Education Award; Advisor on NSF Informal Science Education Grants, Cornell Lab of Ornithology; University Of Minnesota, Bell Museum; California Academy of Sciences; Montana State Univ., Native Waters; Sacred Balance TV Series; Louisville Science Center; American Association for the Advancement of Science.

Robin B. Foster

External: Research Associate, Smithsonian Tropical Research Institute; Commission for Flora Neotropica; Scientific Board, International Center for Tropical Ecology; Research Associate, Missouri Botanical Garden; Research Associate, Museo de Historia Nat., Lima, Peru; Trustee and Research Associate, Institute for Botanical Exploration.

Thomas S. Schulenberg

External: Editorial Board, Bird Conservation International, Cotinga; South American Checklist Committee, American Ornithologists' Union.

Douglas F. Stotz

Field Museum: Team leader, Birds, Calumet Biodiversity Blitz Scientific Committee.

External: Endangered Species Technical Advisory Committee for Birds, Illinois; Bird Conservation Network Bird Monitoring Committee; South American Checklist Committee, American Ornithologists' Union; Illinois Ornithological Records Committee, Secretary; Board of Directors, Illinois Ornithological Society; Board of Directors, The Wetlands Initiative; Wildlife and Nature Committee, City of Chicago; Lights Out subcommittee of Wildlife and Nature Committee, City of Chicago; Wolf Road Prairie advisory committee; National Audubon Illinois Important Bird Areas Technical Committee; Scientific Advisory Committee.

DEPARTMENT OF GEOLOGY

Lorie Barber

Field Museum: Safety and Security Committee.

John R. Bolt

Field Museum: Science Advisory Council; Acting Chair, Department of Geology; Temporary Exhibits Committee.

External: Chair, Financial Oversight Committee, Society of Vertebrate Paleontology.

Darin Croft

External: Chairman, ReptileFest Committee and Member-at-Large, Board of Directors, Chicago Herpetological Society; Pre-clerkship Curriculum Review Committee, The University of Chicago, Pritzker School of Medicine.

John J. Flynn

Field Museum: Field Museum Undergraduate Teaching Coordinator, University of Chicago; Academic Affairs Licensing Policy Committee.

External: Guggenheim Fellow, John S. Guggenheim Foundation; Premio "Roberto Araya" (Roberto Araya Prize), Sociedad Geológica de Chile; Visiting Professor, Universidad de Chile, Departamento de Geología; Associate Chair, Committee on Evolutionary Biology, University of Chicago; Past-President and Member of the Board, and Member of Development Committee (Past-Presidents Subcommittee), Society of Vertebrate Paleontology; International Scientific Board (founding member) and Associate Editor, Systematic Paleontology.

Lance Grande

Field Museum: Chair, Science Advisory Council; Chair, Scholarship Committee; Academic Affairs Management Group; Women's Board Women in Science Committee; Mezzanine Renovation Project Committee; Publications Committee.

External: Romer Prize Committee, Society of Vertebrate Paleontology; Editorial Member, Revista.

Eric Hilton

External: Editorial Board, American Society of Ichthyologists and Herpetologists.

Philip E. Janney

Field Museum: Safety and Security Committee.

External: Proposal Referee, National Science Foundation.

Yusheng Liu

Field Museum: Task Force for Collections Databases.

External: Member of Editorial Committee, Acta Palaeontologica Sinica.

Peter Makovicky

Field Museum: Research Seminar Series Committee; Content Specialist, Life Over Time revitalization project.

Olivier Rieppel

Field Museum: Chair, Department of Geology; Academic Affairs Management Group; Academic Affairs and Museumwide CRC Task Forces; alternate, Scholarship Committee; Co-organizer, 2003 A. Watson Armour, III Spring Systematics Symposium.

External: Associate Editor: Zoological Journal of the Linnean Society and Amphibia and Reptilia; Editorial Board: Bulletin de la Société Géologique de France; Development and Evolution; Zoologische Abhandlungen des Staatlichen Museums für Tierkunde, Dresden; Richard Estes Memorial Award Committee, Society of Vertebrate Paleontology; Honorary Membership Committee, Society of Vertebrate Paleontology.

William F. Simpson

Field Museum: Collections Resource Center move Committee; Respirator trainer and tester for Third Floor; Museum Affairs Licensing Committee; Task Force for Collections Databases; Renovation Committee for Life Over Time; Coordinator, SUE maintenance and access.

External: Chair, Preparators' Award Committee of the Society of Vertebrate Paleontology.

Meenakshi Wadhwa

Field Museum: Scholarship Committee.

External: Council of the Meteoritical Society; NASA's Curation and Planning Team for Extraterrestrial Materials; Panel Chief, NASA's Cosmochemistry Program Review Panel; Universities Space Research Association's Science Council for Lunar and Planetary Institute.

Peter J. Wagner

Field Museum: Roundtable Committee; Information Technology workgroup; Chair, Academic Affairs Information Technology subgroup; Library Committee; Task Force for Collections Databases.

## DEPARTMENT OF ZOOLOGY

John M. Bates

Field Museum: Chair, Department of Zoology (as of October 1<sup>st</sup>); Institutional Animal Care and Use Committee; Pritzker Lab Management Committee; Academic Affairs Management Group; Academic Affairs Licensing Committee.

External: American Ornithologists' Union Collections Committee; Cooper Ornithological Society Student Awards Committee.

Rüdiger Bieler

Field Museum: Chair, Department of Zoology (until October 1<sup>st</sup>); Head, Division of Invertebrates; Academic Affairs CRC Task Force.

External: Past President on Council, American Malacological Society; North American Editor, Zoological Journal of the Linnean Society; Editorial Board Malacologia – International Journal of Malacology, The Nautilus, The Festivus, Iberus, The Yuriyagai, Acta Zootaxonomica Sinica, Malakologische Abhandlungen, Papéis Avulsos de Zoologia, Arquivos de Zoologia.; Committee on Evolutionary Biology, University of Chicago; Faculty Appointments Committee, CEB, University of Chicago; International Visiting Review Committee, Swedish Natural History Museum, Stockholm.

Barry Chernoff

Field Museum: Acting Chair, Department of Zoology; Zoology Department Space Committee; Chair, Zoology Department Promotions and Review Committee.

External: Chair, Steering Committee AquaRAP; Chair, Scientific Board of Directors, Sustainable Aquatic Resources Center; External Evaluation Committee BIOTASP, Fundacao de Amparo a Pesquisa do Estado de São Paulo (FAPESP), Brazil; Board of Directors, Neotropical Ichthyological Association; Governing Board, Fishes of the Western North Atlantic; Board Great Rivers Confluence Foundation; Graduate Student Advisory Committee, University of Chicago; Head, ad hoc committee for IGERT proposal, Committee on Evolutionary Biology, University of Chicago.

Jack Fooden

Field Museum: Consultation with visiting scientists and educators: Bhutanese primatologist; Japanese museum educator; Japanese primatologist; Vietnamese museum biologists (delegation).

External: Editorial Board, International Journal of Primatology.

Jochen Gerber

Field Museum: Library Committee.

External: National Committee "Mollusk of the Year" (Germany).

Paul Z. Goldstein

Field Museum: Head, Division of Insects; Pritzker Lab Management committee.

External: Board, Chair of Property Management, Sheriff's Meadow Foundation.

Shannon J. Hackett

Field Museum: Pritzker Lab Management Committee; Academic Affairs Management Group; Loading Dock Renovations Committee; Radiation Safety Officer; Manager, High Performance Computing Cluster.

External: Associate Editor, The Auk; Editorial Board, Molecular Phylogenetics and Evolution.

Lawrence R. Heaney

Field Museum: Head, Division of Mammals; Chair or member of 3 Promotions Committees, Zoology Department; Chair of Pest Subcommittee, Facilities Advisory Group; Task Force for Collections Databases.

External: Chiropteran Advisory Group, American Association of Zoological Parks and Aquaria; Science Advisory Board, Lube Foundation; Merriam Award for Research Excellence Committee, American Society of Mammalogists; Board of Trustees and Editorial Board, Wildlife Conservation Society of the Philippines; Consultant on Philippine issues for Conservation International, National Geographic Society, and World Wildlife Fund; Vice President and Meeting Planning Committee, International Biogeography Society.

Mary Hennen

External: Board member, Education Committee Chair, & Editorial Board, Illinois Ornithological Society; Board member, Illinois Bluebird Project; Board Member, Illinois Audubon Society.

Robert F. Inger

External: Board of Trustees, and Chair, Science Advisory Committee, Illinois Chapter, The Nature Conservancy; Illinois State Board of Natural Resources and Conservation; Associate Editor, Raffles Bulletin of Zoology; Associate Editor, Acta Zootaxonomica Sinica.

Janeen Jones

Field Museum: Task Force for Collections Databases; Subcommittee Core Group of Common Ground Project.

Maureen Kearney

Field Museum: Chair, Research Seminar Series Committee; Co-organizer, 2003 A. Watson Armour, III Spring Systematics Symposium; Institutional Animal Care and Use Committee.

External: Executive Council and Best Graduate Student Paper Award Committee, Herpetologists' League; Board of Governors, Chair, Gaige Fund Student Award Committee, and Storer Award Committee, American Society of Ichthyologists and Herpetologists; Elector, Society for the Study of Amphibians and Reptiles; Estes Awards Committee, Society of Vertebrate Paleontology; Editorial Board, Copeia; Lecturer, Committee on Evolutionary Biology; Steering Committee, Morphobank Project to Plan an Interactive Web Data Matrix (Morphobank) for Storage and Retrieval of Morphological Data for Phylogenetic Analysis.

Julian C. Kerbis Peterhans

External: Coordinator, Seminar in Natural Science, Roosevelt University; Executive Committee, Roosevelt University.

Alfred F. Newton

Field Museum: Chair, Zoology Chair Search Committee; Publication Committee; Scanning Electron Microscope Acquisition Committee.

External: Editorial Board, Belgian Journal of Entomology; Committee for Official List of Family and Genus Group Names in Coleoptera (Coleopterists Society representative); Lacordaire Prize Selection Committee of Coleopterists Society.

Bruce D. Patterson

Field Museum: Tours Advisory Council; Field Museum-UIC Coordination Committee; Zoology Space Committee; Zoology Promotions and Review Committee; Botany curatorial search committee (3).

External: President-Elect and President, American Society of Mammalogists; Member and Chair, ASM Planning and Finance Committee; ASM Ad hoc Public Relations Committee; ASM Checklist Committee; Member and Chair, ASM Latin American Field Research Award Committee; Editorial Board, Mastozoología Neotropical; Editorial Board, Publicaciones Especiales, Mastozoología Neotropical; Editorial Board, Diversity and Distributions; New World Marsupials Specialist Group, International Union for the Conservation of Nature/Species Survival Plan; Chancellor's Advisory Committee, University of Puerto Rico; Bushmeat Crisis Task Force; Bionexus Scientific Advisory Council.

Martin D. Prydzia

Field Museum: Safety and Security Committee; Clean-Up Week Committee.

Alan Resetar

External: Co-coordinator, Historical Trends Section, Declining Amphibian Population Task Force, Central Division; Indiana DNR Non-game Program, Amphibian and Reptile Technical Advisory Committee; Chicago Wilderness Reptile and Amphibian Recovery Plan; Partners in Amphibian and Reptile Conservation; Indiana Academy of Science, Biodiversity and Natural Areas Committee; Porter County (IN) Wildlife Management Committee; Reviewer, Journal of Wildlife Diseases.

Mary Anne Rogers

Field Museum: Representative, Academic Affairs Professional Staff; Academic Affairs Management Group; Field Museum Facility Advisory Group Recycling Subcommittee.

External: Collections and Resources Committee, American Society of Ichthyologists and Herpetologists.

Petra Sierwald

Field Museum: Chair, Library Committee; Temporary Exhibit Committee.

External: Editorial Board Member, The Journal of Arachnology; Journal for Zoological Systematics and Evolutionary Research; Adjunct Faculty, University of Illinois at Chicago; East Carolina University; Panel Service, National Science Foundation, Biodiversity Surveys and Inventories.

Clara R. Simpson

External: President, Guild of Natural Science Illustrators.

William Stanley

Field Museum: Academic Affairs Management Group; Recycling/Environmental Awareness Committee; Facilities Advisory Group.

External: Resolution Committee, Systematic Collections Committee, American Society of Mammalogists.

Daniel Summers

Field Museum: Personnel Committee.

Kevin Swagel

Field Museum: Personnel Committee.



Margaret K. Thayer

Field Museum: Head, Division of Insects; Information Technology Committee; Task Force for Collections Databases; Supervisor-trainer, Zoology computerized slide-making system and digital photomicrography system.

External: North American Associate Editor, *Annales Zoologici*; Editorial Board, *Dugesiana*.

Janet R. Voight

Field Museum: Vice Chair, Science Advisory Council; Institutional Animal Care and Use Committee; Chair, Zoology Promotion and Review Committee.

External: Field Museum representative Graduate Admissions Committee, University of Chicago, Committee on Evolutionary Biology.

Harold K. Voris

Field Museum: Head, Division of Amphibians and Reptiles; Zoology Representative, Scholarship Committee.

External: Consulting Editor, *Asian Review on Biodiversity and Environmental Conservation*; Editorial Board, *The Natural History Journal of Chulalongkorn University*; Board of Trustees and Member, Science Advisory Committee, Illinois Chapter, The Nature Conservancy.

Mark W. Westneat

Field Museum: Science Advisory Council; Chair, Institutional Animal Care and Use Committee.

External: Nominating Committee, Society of Integrative and Comparative Biology; Hinds Fund Committee, University of Chicago.

David Willard

External: Editorial Board, *The Meadowlark*; Illinois Ornithological Records Committee.

## FIELDWORK AND RESEARCH TRAVEL, 2002

### DEPARTMENT OF ANTHROPOLOGY

Brian S. Bauer

Research: Cuzco and Andahuaylas, Peru.

L. Antonio Curet

Research: Ponce and San Juan, Puerto Rico.

Scott Demel

Research: New Jersey; University of Chicago, Illinois; Kendall County, Illinois.

Gary M. Feinman

Fieldwork: Shandong, China; El Palmillo in Oaxaca, Mexico.

Jonathan Haas

Fieldwork: Coast of Peru.

Research: Cuzco, Peru.

Helen Haines

Fieldwork: Oaxaca, Mexico.

Chuimei Ho

Fieldwork: London, U. K.; Wales; Cleveland, Ohio; Phoenix, Arizona.

Laura Junker

Research: Manila and Cebu City, Philippines.

Chap Kusimba

Fieldwork: Bukusu, Western Kenya; Tsavo, Southeastern Kenya; Roven, Czech Republic.

Research: Prague, Czech Republic; Plzen, Czech Republic; Nairobi, Kenya; Mombasa, Kenya; Urbana-Champaign, Illinois; Chicago, Illinois; Vienna, Austria; Stockholm, Sweden.

Robert D. Martin

Research: London, U. K.; Gibraltar; Zürich, Switzerland.

Dorren Martin-Ross

Research: Los Angeles, California.

Stephen Nash

Research: Dragoon and Tucson, Arizona; Los Angeles, California; Las Cruces, New Mexico.

Linda Nicholas

Fieldwork: Shandong, China; in Oaxaca, Mexico.

Joel Palka

Research: Orange Walk, Belize.

Anna C. Roosevelt

Fieldwork: Rio Curua, Xingu Basin, Brazil; Santarem, Brazil.

Research: Private collections, Castelo dos Sonhos, Brazil; oral history, Altamira, Brazil.

Jill Seagard

Fieldwork: El Palmillo in Oaxaca, Mexico; Bungule, Kenya.

Anne Underhill

Fieldwork: Shandong, China; Yunnan province, China.

Alaka Wali

Fieldwork: Chicago, Illinois.

Research: New York City; Pando, Bolivia; Peru (Cordillera Azul National Park).

Cameron B. Wesson

Fieldwork: Windrush site, Elmore County, Alabama; Macon County, Alabama.

Patrick Ryan Williams

Fieldwork: Moquegua, Peru (twice).

#### DEPARTMENT OF BOTANY

Michael O. Dillon

Fieldwork: Departments of Arequipa, Cajamarca, Iquitos, and San Martín, Peru.

Research: University of New Hampshire, Durham, New Hampshire; Galápagos Islands, Ecuador.

Eve Emshwiller

Fieldwork: Lima, Huancayo, and Cusco, Peru; Tucumán, Argentina.

Research: Lima, Peru, International Potato Center; Missouri Botanical Garden, St. Louis, Missouri.

John J. Engel

Research: Geneva, Switzerland.

Sabine M. Huhndorf

Fieldwork: Costa Rica.

Patrick R. Leacock

Fieldwork: Chicago region; Illinois; Indiana.

Robert Lücking

Fieldwork: Los Tuxtlas Tropical Biology Station, Mexico; Oaxaca montane rainforest, Mexico; Amistad International Park, Costa Rica; Atlantic rainforest, Brazil.

Research: UNAM, Mexico, Instituto de Biología; Costa Rica, INBio; Costa Rica, Herbario Nacional and Escuela de Biología (UCR); University of Bayreuth, Germany.

Gregory M. Mueller

Fieldwork: Costa Rica; Guatemala; China; Chicago area; southeast Missouri.

Research: San Jose, Costa Rica, University of Costa Rica; Santo Domingo, Heredia, Costa Rica, National Institute of Biodiversity (INBio); Guatemala City University of San Carlos of Guatemala; Kunming Botanical Institute, Kunming, China.

Djaja Djendoel Soejarto

Fieldwork: Cuc Phuong National Park, Vietnam; Bolikhamsai and Kammuan Provinces, Laos.

Betty A. Strack

Fieldwork: Costa Rica; Guatemala; Chicago area.

Gayle Tonkovich

Fieldwork: Indiana Dunes National Lakeshore, Indiana; Lake Calumet, Illinois.

Jun Wen

Fieldwork: Vietnam; China; Costa Rica.

Research: Leiden, the Netherlands, Univ. of Leiden Herbarium; Brooklyn, New York Botanical Garden Herbarium; Washington, DC, US National Herbarium; St. Louis, Missouri Botanical Garden.

#### CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Janis Bristol Alcorn

Research: Cordillera Azul National Park, Peru.

Raymond Codrington

Fieldwork: London, U. K., New York, New York.

Research: London, U. K.; Chicago, Illinois.

Hilary del Campo

Fieldwork: Lake Calumet region, Chicago, Illinois and Hammond, Indiana.

Research: Pando, Bolivia.

Mario Longoni

Fieldwork: Lake Calumet region, Chicago, Illinois and Hammond, Indiana.

Madeleine Tudor

Fieldwork: Lake Calumet region, Chicago, Illinois and Hammond, Indiana.

Alaka Wali

(see Department of Anthropology)

#### ENVIRONMENTAL CONSERVATION PROGRAMS

William S. Alverson

Research: Madre de Dios, Bolivia; Federico Román, Bolivia; Cubitas, Cuba; Pico Mogote, Cuba; Siboney, Cuba; Lake Calumet area, Illinois.

Daniel Brinkmeier

Fieldwork: Central Peru; northern Bolivia; eastern Ecuador.

Alvaro del Campo

Fieldwork: Federico Román post-RBI in Cobija and La Paz, Bolivia; Yavarí and Sierra del Divisor (overflights), Peru; Overflight, Parque Nacional Cordillera Azul, Peru.

Carol J. Fialkowski

Fieldwork: Cobija, Bolivia.

Robin B. Foster

Fieldwork: Pando, Bolivia; Gaoligong Mountains, Baoshan, Yunnan, China; Areas Inmovilizadas, Madre de Dios & Federico Roman, Pando, Bolivia; Barro Colorado Island, Parque Nac. Isla Bastimentos, & Fortuna Field Station, Panama; Cienaga de Zapata & Sierra de Cubitas, Cuba; Tambopata Research Center, Madre de Dios, Peru; Centro Rio Amigos, Madre de Dios, Peru.

Research: La Paz, Bolivia, Herbario Nacional; Kunming, Yunnan, China, Botanical Garden; Cobija, Bolivia, Herbario Universidad Amazonica de Pando; Panama City, Panama, Smithsonian Tropical Research Institute Herbarium and Herbario Nacional; Zapata, Cuba, CITMA Station; Lima, Peru, Herbario, Museo de Hist. Nat. & CIMA.

Thomas S. Schulenberg

Research: Louisiana State University Museum of Natural Science, Baton Rouge.

Jennifer Shopland

Fieldwork: Lima, Tarapoto, and Cordillera Azul National Park, Peru.

Julie Smentek

Field Work: Santiago de Cuba and Havana, Cuba; Quito and Cofan communities of Zabalo and Sinangoe, Ecuador.

Douglas F. Stotz

Fieldwork: Chicago area (Lake Calumet area, Swallow Cliff), Illinois; Hennepin (Wetlands Initiative Restoration Site), Illinois; Madre de Dios, Perú; Yunnan, China; Pando, Bolivia; Zapata Swamp, Sierra de Cubitas, Pico Mogote and Siboney, Cuba.

#### DEPARTMENT OF GEOLOGY

Lorie Barber

Fieldwork: Big Horn Basin, Wyoming.

Darin Croft

Fieldwork: Northern Chile; Wyoming.

Research: Museo de La Plata, La Plata, Argentina; Museo Argentino de Ciencias Naturales, "Bernardino Rivadavia," Buenos Aires, Argentina.

John J. Flynn

Fieldwork: Chile (Altiplano, Central Chilean Andes, Coastal Range of Chile), Peru (Amazon Basin).

Research: Chile (Altiplano, Central Chilean Andes, Coastal Range of Chile), Peru (Amazon Basin).

Lance Grande

Research: Science Museum of Minnesota, St. Paul, Minnesota; University of Massachusetts, Amherst.

Eric Hilton

Fieldwork: Dauphin Island Sea Lab, Alabama.

Research: University of Massachusetts Amherst; Ann Arbor, University of Michigan Museum of Zoology and Museum of Paleontology; Washington, DC, United States National Museum ; New York, American Museum of Natural History.

Nate Kley

Fieldwork: Dauphin Island, Alabama, Dauphin Island Sea Lab; Miami, Florida.

Research: Cambridge, Massachusetts, Museum of Comparative Zoology, Harvard University; Amherst, Massachusetts, Massachusetts Museum of Natural History, University of Massachusetts.

Yusheng Liu

Fieldwork: Southern Utah.

Peter J. Makovicky

Fieldwork: Bighorn Basin, Wyoming.

Research: New York, American Museum of Natural History.

Jenny McElwain

Fieldwork: Eastern Greenland; southern Utah.

Research: University of California, Berkeley, California.

Olivier Rieppel

Research: Berkeley, University of California Museum of Paleontology; Milan, Museo Civico di Storia naturale di Milano; University of Iowa, Iowa City.

Constance Van Beek

Fieldwork: Bighorn Basin, Wyoming.

Meenakshi Wadhwa

Research: St. Louis, Missouri, Washington University; San Diego, California, University of California.

Peter J. Wagner

Research: University of Laurentia, Sudbury, Ontario; London, U.K., The Natural History Museum.

Gina D. Wesley

Research: Berkeley, California; Los Angeles, California; Rapid City, South Dakota.

#### DEPARTMENT OF ZOOLOGY

John M. Bates

Fieldwork: Democratic Republic of Congo.

Research: Centre de Recherche en Sciences Naturelles, Lwiro, Democratic Republic of Congo; Tervuren, Belgium, Royal Museum for Central Africa.

Rüdiger Bieler

Fieldwork: Florida Keys, Marquesas Keys and Gulf of Mexico; Dominica; British Virgin Islands.

Research: New York, New York, American Museum of Natural History.

Barry Chernoff

Fieldwork: Copename River, Surinam.

Research: Ann Arbor, Michigan, University of Michigan Museum of Zoology; Sao Paulo, Brasil, Museu de Zoologia; New York, New York, American Museum of Natural History.

Jochen Gerber

Fieldwork: Illinois; South Carolina; Eisack Valley, South Tyrol, Italy.

Shannon J. Hackett

Research: New York, New York, American Museum of Natural History; Coriell Institute, Camden New Jersey.

Lawrence R. Heaney

Fieldwork: Philippines; Bhutan; Utah.

Research: Salt Lake City, Utah, Utah Museum of Natural History.

Robert F. Inger

Fieldwork: western Thailand.

Maureen Kearney

Research: Washington, DC, National Museum of Natural History.

Julian C. Kerbis Peterhans

Fieldwork: Queens University Biological Field Station.

Research: Madrid, Musee Nacional de Ciencias Naturales; Barcelona, Spain, Musee de Zoologia; Havana, Cuba, Musee Nacional Historia Natural; Indianapolis Museum of Art Indianapolis, Indiana.

Alfred F. Newton

Fieldwork: Chile; Illinois.

Research: Vienna, Naturhistorisches Museum; Santiago, Chile, Museo Nacional de Historia Natural.

Bruce D. Patterson

Fieldwork: Tsavo East National Park, Taita and Rukinga Ranches, Kenya.

Research: Nairobi, National Museums of Kenya; London, Natural History Museum; New York, American Museum of Natural History; Washington, DC, National Museum of Natural History.

Martin D. Prydzia

Fieldwork: Jackson Park Lagoon, Chicago, Illinois.

Alan Resetar

Fieldwork: Indiana, Illinois.

Petra Sierwald

Fieldwork: Dominica; British Virgin Islands.

Research: New York, American Museum of Natural History; Greenville, North Carolina, East Carolina University; Martinsville, Virginia, Virginia Museum of Natural History.

William Stanley

Fieldwork: Mt. Kilimanjaro, Tanzania.

Research: Arusha, Dar es Salaam, Tanzania.

Kevin Swagel

Fieldwork: Calumet Region, Illinois/Indiana.

Margaret K. Thayer

Fieldwork: Regions V-X, Chile; southern Illinois; Lake Calumet, Illinois.

Research: Berkeley, California, Essig Museum of Entomology, University of California; Santiago, Chile, Museo Nacional de Historia Natural.

Janet R. Voight

Fieldwork: North Pacific Ocean, in international waters over The East Pacific Rise, Gorda Ridge, Mendocino Escarpment, Juan de Fuca Ridge and seamounts to the east.

Harold K. Voris

Fieldwork: Singapore, Thailand.

Mark W. Westneat

Fieldwork: Kauai, Hawaii; Lake Michigan, Illinois.

Research: Chicago, Illinois, Argonne National Laboratory; Washington, DC, Smithsonian Institution.

David Willard

Fieldwork: Bhutan.

Research: Lake Placid, Florida, Archbold Biological Station; Minnesota Department of Natural Resources, regional offices; Green Bay, Wisconsin, Bay Beach Wildlife Sanctuary.

Philip Willink  
Fieldwork: Calumet Region, Illinois/Indiana.



**PUBLIC EDUCATION AND OUTREACH, 2002**  
(Exhibits, Informal Education, Public Presentations, etc.)

DEPARTMENT OF ANTHROPOLOGY

Bennet Bronson

Exhibit Development: Co-Curator, Pearls exhibit; Subject Matter Specialist, Bamboo Masterworks exhibit; Advisor, Tibet Gallery reinstallation project; Advisor, Benin Bronze exhibit relabeling; Co-Curator, 2004 Splendors of the Forbidden City exhibit; Co-curator 2003 Jade Hall reinstallation.

Education Programs: 15 public lectures given in connection with Pearls; 3 public lectures given in connection with Bamboo Masterworks.

L. Antonio Curet

Education Programs: Third and first grade classes at Heritage Lakes Elementary School, Carol Stream, IL; lecture, middle school, Saint Priscilla's School; lecture, grade school students, Centro Ceremonial de Tibes, Ponce, Puerto Rico; lecture, celebration of the 20<sup>th</sup> anniversary of the Centro Ceremonial de Tibes, Ponce; Field Museum Members' Nights.

Scott Demel

Exhibit Development: Content Specialist, Trash to Treasure: Salvage Archaeology in The Field Museum's Backyard.

Education Programs: Field Museum Adult Education course, "Chicago Archaeology;" Presentation to a high school Museology class; Field Museum Members' Nights.

Media Development: Various media interviews on CRC project, channels 2, 5, 9, CLTV, Chicago Sun Times, Chicago Tribune.

Other: CRC tour and update for Trustee Field Trips; visiting researcher assistance; CRC tour and collaboration with Asian American Museum Foundation.

Gary M. Feinman

Exhibit Development: Content Advisor, Chocolate exhibit, Hall of the Americas exhibit, and Day of the Dead exhibit.

Education Programs: Emails from the field for Expeditions@Field Museum (China, Mexico).

Public Presentations: Governor of Oaxaca and entourage; Princeton Alumni Club, Chicago; Burpee Museum, Rockford, IL.

Media Development: Radio interview with Harriet Baskes, NPR; newspaper interview on Day of the Dead exhibit, Chicago Tribune; television interview on Chocolate exhibit, NBC affiliate WMAQ (Channel 5).

Jonathan Haas

Exhibit Development: Co-Curator, Chocolate exhibit, and Ancient Americas exhibit. On-going planning for renovation of the Halls of the Americas; Curator for upcoming exhibit on Cochiti figurines; Curator and content specialist for Reorganization of Native American materials from Halls 3, 4 and 8.

Education Programs: Women's Board tour to Peru; Multiple Members and public lectures on Chocolate; Education Volunteers Orientation on Chocolate.

Public Presentations: Co-organized conference on complex society archaeology in the Chicago area.

Media Development: Gave interviews to the Chicago Tribune, Sun Times, CBS, CNN, Archaeology magazine and several other local and national papers for Chocolate exhibit; Premier of "Cannibalism: The Last Taboo" on The Discovery Channel; Premier of "The Lost Pyramids of Caral" BBC Horizon documentary on Caral and the beginnings of civilization in Peru.

Robert L. Hall

Media Development: Radio interview for PBS station WUAF (University of Arkansas, Fayetteville).

Chuimei Ho

Exhibit Development: Curator, Qianlong exhibit.

Education Programs: Collections tours for Manchu Culture in History panelists, Chinatown Museum Foundation, Park District, and Chinatown Museum Foundation and Field Museum.

Public Presentations: "Cultural Identity: History of Chicago Chinatown," Chinatown Chamber of Commerce; Developed and organized four shows on Chinese-American history for public viewing in Chinatown.

Laura Junker

Public Presentations: Lectures on archaeology for Oak Park Public Schools, Brooks Middle School.

Robert D. Martin:

Exhibit Development: Content Advisor, Life over Time revitalization.

Media Development: WGN Radio, Chicago Tribune.

Other: Presentation, Trustee Field Trips; Participant in Calumet BioBlitz; Presentation to MacArthur Foundation staff; Presentation, Workshop on Environmental Conservation; Lecture, Women's Board.

Dorren Martin-Ross

Education Programs: Field Museum Members' Nights.

Media Development: Newspaper interview, Chicago Tribune.

Stephen Nash

Education Programs: Lecture to Illinois Humanities Council; Evening archaeology lecture for Education Department.

Media Development: Newspaper interview, Chicago Sun-Times.

Other: Numerous collections tours.

Linda Nicholas

Education Programs: Digital images for Expeditions@Field Museum (China, Mexico).

Public Presentations: Governor of Oaxaca and entourage.

Katherine Ridgway

Education Programs: "Preventive Conservation: or How I Can Take Care of the Stuff I Love," Saturday Field Museum Workshop.

John Edward Terrell

Exhibit Development: Regenstein Pacific Laboratory Project; Genome exhibit Committee.

Education Programs: Field Museum Members' Nights.

Anna C. Roosevelt

Exhibit Development: Planning Team, Brazil Connects, Brazilian and Peruvian Amazon exhibit.

Education Programs: Field Museum Members' Nights.

Media Development: Magazine interviews, Discover, Atlantic Monthly, Science, etc.

Alaka Wali

Exhibit Development: Content Specialist, Urban Gardens: Growing Chicago's Communities, Baseball As America; Label Review, Chocolate; Consultant, Cleopatra, Halls of the Americas.

Education Programs: Presentation, Trustee Field Trips; Field Museum Members' Nights.

Public Presentations: Cultural Collections Committee; Cultural Connections Programs including 2002 Kick-off event, Perspectives Charter School; Introduction to Urban Gardens opening, National Geographic series for Mick Davis; Panelist, Democratic Vistas Series, Chicago Center for Arts Policy at Columbia College (CCAP); Field Museum Board of Trustees.

Media Development: Magazine Interview, "Illinois Issues."

Other: Behind-the-scenes tours for Founders Council, Field Ambassadors; Cultural Collections Committee; Collections and Research Committee of the Board of Trustees.  
DEPARTMENT OF BOTANY

Michael O. Dillon

Education Programs: Field Museum Members' Nights.

Media Development: TV interview, WGN News, Ask Tom Skilling.

Tours and field trips: Field Museum Tour, Galápagos Islands, Ecuador.

Web Projects: Developer, Andean Botanical Information System web site, (<http://www.sacha.org>).

Eve Emshwiller

Education Programs: Field Museum Members' Nights.

Web Projects: Content Advisor, Nature's Pantry web sites.

Other: Various behind-the-scenes tours for Collections and Research Committee of the Board of Trustees, First Unitarian Society of Chicago, and researchers and students from Northern Illinois University, the Chicago Botanical Garden, and Albion College, MI.

John J. Engel

Education Programs: Field Museum Members' Nights; Scientists at the Field Program.

Other: Trustee Field Trips Program.

Patrick R. Leacock

Education Programs: Field Museum Members' Nights.

Public Presentations: Invited Lecture, Illinois Mycological Association; Invited Lecture, North Park Village Nature Center.

Media Development: Educational Media Content Advisor, This Old Habitat.

Other: Swallow Cliff Woods Field Trip for Biodiversity Explorers interns; behind-the-scenes tour for Biology Group students, University of Wisconsin - Platteville.

Robert Lücking

Education Programs: Field Museum Members' Nights.

Web Projects: Developer, TICOLICHEN web site,

([http://www.fmnh.org/research\\_collections/botany/botany\\_sites/ticolichen/ticolichen.html](http://www.fmnh.org/research_collections/botany/botany_sites/ticolichen/ticolichen.html)).

Gregory M. Mueller

Public Presentations: Illinois Mycological Association, Missouri Mycological Society.

Media Development: Chicago Municipal TV piece on Calumet BioBlitz; Chicago Tribune, article on Calumet BioBlitz, Network Chicago CityTalk biweekly newspaper; filming for e-field trips.

Other: Talk to Visitor Services on Underground Adventure, tours of Botany Department for Winnetka Garden Club, Garden Club of Houston, Field Museum Board of Trustees, donor groups, etc.; Leader of Mycology Group, Calumet BioBlitz.

Betty A. Strack

Other: Participant in Calumet BioBlitz.

Gayle Tonkovich

Education Programs: Field Museum Members' Nights.

Other: Participant in Calumet BioBlitz.

Matthew von Konrat

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tour of the Botany Department for Field Museum President Emeritus, Dr. Willard Boyd, family, and friends.

Jun Wen

Public Presentations: Lecture, paper folding art in China, Horace Mann Elementary School, Oak Park, IL; lecture, Field trip to Vietnam; Show and Tell, the plant collections at the Field Museum, Third Grade of the Horace Mann Elementary School, Oak Park, IL.

Media Development: Newspaper interview, China Science News.

Other: Various behind-the-scenes tours for Botany.

## CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Rosa Cabrera

Exhibit Development: Content Advisor, Cochiti exhibit; Facilitator, Native American community participation in the development of the Americas project.

Education Programs: Cultural Connections program, events with partner museums; Chicago Public Schools Parents Field Trips Series; Presentation, Trustee Field Trips; Field Museum Member's Nights.

Public Presentations: Chicago Public Schools groups, Living Together exhibit; Introduction to Presentation, "African Ceremonies: A Celebration of Life;" Facilitator, "Between Cultures: A Fascinating Evening Exploring Connections and Diversity," Swedish American Museum.

Raymond Codrington

Education Programs: Field Museum Members' Nights; Consultant, Africa and Americas Curriculum, MAPS Program.

Public Presentations: Presenter, "Cultural Policy and the Minority Question," Cultural Policy Workshop, University of Chicago; Presentation, Boyd Postdoctoral Fellowship Dinner.

Hilary del Campo

Education Programs: Field Museum Members' Nights.

Public Presentations: Community presentation for Lake Calumet residents.

Tours and Field Trips: Calumet area tours.

Meganne Lube

Education Programs: Field Museum Members' Nights.

Michaela Marchi

Education Programs: Field Museum Members' Nights; Content Consultant to "Museums as Cultural and Educational Resources" Lane Credit/CPDU course for Chicago Public School (CPS) teachers.

Rebecca Severson

Education Programs: Field Museum Members' Nights.

Public Presentations: Tours of Living Together and the Maori House for various groups.

Media Development: Online interview, CNN.

Tours and Field Trips: American Indian Center, Ukrainian National Museum field trips, Robert Morris College Students.

Other: Presentation, Trustee Field Trips.

Madeleine Tudor

Exhibit Development: Content Specialist, Urban Gardens: Growing Chicago's Communities; Content Specialist, Creating Art, Building Communities: Joliet and the Friends of Community Public Art.

Education Programs: Field Museum Members' Nights.

Web Projects: Developer, CCUC-Lake Calumet research updates and Web site development.

Other: Presentation, Trustee Field Trip.

Alaka Wali

(see Department of Anthropology)

## ENVIRONMENTAL CONSERVATION PROGRAMS

William S. Alverson

Tours and Field Trips: Field Museum Tour, Cuba.

Daniel Brinkmeier

Education Programs: Field Museum Members' Nights; Presentations to: Education Department Museology Class, African Heritage Festival, Earth Day, Latin American Heritage Festival, MacArthur Foundation staff, Bolivian University staff and students; Advisor to visiting environmental educator from Colombia; Coordinated training in communications and design of educational materials for three Congolese Project BEATRA participants.

Media Development: Content and design support for Project BEATRA, Congolese web site.

Tours and Field Trips: University of Illinois-Champaign Horticulture Group, visit by Kerry Ten Kate, Kew Gardens, London; 3 Bolivian museum educators, U.S. State Department-sponsored museum and environmental education program .

Other: Illustrated Booklets: Nuestra Herencia Botánica: Uso de Yuca'amba (Ecuador-Cofán); ¿Por qué conservar tortugas del río? (Ecuador-Cofán); Criando peces amazónicas en piscinas de la comunidad (Ecuador-Cofán); Uso de playas artificiales para trasladar nidos de charapas (Ecuador-Cofán); Sepa como hacer mayor manejo y almacenaje de la castaña para evitar hongos en los cocos (Bolivia-Pando); Resumen del inventario-Madre de Dios (Bolivia-Pando); Resumen del inventario-Federico Román (Bolivia-Pando); Resumen del inventario-Río Tahuamanu (Bolivia-Pando); El Mapeo de Usos y Fortalezas (Peru-Cordillera Azul); El Plan Maestro (Peru-Cordillera Azul); ¡Todos Somos el Parque! (Peru-Cordillera Azul); Elaboración Participativa de la Señalización (Peru-Cordillera Azul); La Verité sur les escargots! (Congo-Project BEATRA); Parque Allpahuayo Mishana (Iquitos, Peru).

Alvaro del Campo

Other: Capacity-building Workshop for Peruvian students and policy makers, "Key Concepts in Tropical Ecology," Río Los Amigos, Peru.

Carol J. Fialkowski

Public Presentations: "Lake Calumet: Where Industry Meets Nature," Know Your Chicago Tour, Chicago, IL.

Media Development: Radio: "Calumet BioBlitz," Great Outdoors Show, WGN Radio, Chicago, IL; Television: "Dunes at Montrose Beach," Ask Tom Skilling, WGN TV, Chicago, IL; "Biodiversity of the Calumet Region," Ask Tom Skilling, WGN TV, Chicago, IL.

Robin B. Foster

Education Programs: Field Museum Members' Nights.

Public Presentations: Museum Workshop on Environment & Conservation; Rapid Inventory results presentations; Baoshan, Yunnan, China and Ciénaga de Zapata, Cuba.

Tours and Field Trips: Women's Board Trip, Rio Tambopata, Madre de Dios, Peru. Field trips for Hyndman Fund: Latin American Interns to: Warren Dunes, Warren Woods, Mud Lake Bog, Calumet BioBlitz.

Web Projects: Development of the Tropical Plant Guides web site.

Other: Production of 30 preliminary color guides to plants in conservation areas of: Bolivia, Brazil, Ecuador, Mexico, Nicaragua, & Peru; production of emergency field guides to: Trees of the Miskita, Nicaragua; development of botanical training trails, Bihualing Station, Gaoligongshan, Yunnan, China; tours of Rapid Reference Collection for: Biodiversity Explorers interns; Chinese delegation; F.M. Env. & Conserv. Council; Brazilian wetlands environmental group; Kew Gardens specimen imaging team; Brazil Symposium speakers; Moore Foundation group; Peruvian Parker-Gentry Award recipients.

Thomas S. Schulenberg

Exhibit Development: Content, Chocolate exhibit (contributed tape recordings from Costa Rica of rain forest sounds).

Education Programs: Field Museum Members' Nights.

Public Presentations: Invited lecture on Environmental and Conservation Programs activities to class in Conservation Biology at Lawrence University, Appleton Wisconsin.

Other: Contributed sound recordings to Voices of New World Parrots (set of three compact disks), Cornell Laboratory of Ornithology, Ithaca, New York.

Douglas F. Stotz

Education Programs: Wonders of Calumet Workshop (Calumet Environmental Education Program); Field Museum Members' Nights.

Public Presentations: Evanston-North Shore Bird Club, Chicago Audubon Society, Save the Prairie Society, Morton Arboretum Nature Study and Camera Club.

Media Development: Interviews: Chicago Sun-Times, Chicago Tribune, New York Times, Discover magazine, North Shore magazine, Chicago Wilderness magazine, Habitat Herald, Time magazine, CNN, Voice of America, Australian Broadcasting Corporation, Radio National, Australian Broadcasting Corporation, Canberra, Science Update, ABCNews.com.

Other: Biodiversity Explorers field trip to Lake Calumet.

## DEPARTMENT OF GEOLOGY

Lorie Barber

Education Programs: Field Museum Members' Nights.

Lisa Bergwall

Other: Various behind-the-scenes tours.

John R. Bolt

Exhibit Development: Content Specialist, Life Over Time.

Tours and Field Trips: Presenter for Life Over Time during trustees' tour.

Web Projects: Developer, Preserve project web site.

Darin Croft

Exhibit Development: Scientific Consultant, Life Over Time Revitalization Committee.

Education Programs: Project Exploration Advanced Paleontology Program; University of Chicago Summer Science Program.

Public Presentations: Prospect Heights Public Library; Skokie Public Library; Niles Public Library; Mt. Prospect Library; Indian Trails Public Library; Deerfield Public Library; Elk Grove Village Public Library; Principia College; USDA National Center for Agricultural Utilization Research, Peoria; Bradley University, Peoria; Kiwanis Club of Peoria.

Media Development: The Sue Files: Dino Dining, electronic field trip; Habitat, electronic field trip (title TBD); participated in media preview and unveiling of Sue traveling exhibit at Union Station – Kansas City.

Other: Co-instructor, "Illinois Geology" course, Naturalist Certificate Program.

John J. Flynn

Exhibit Development: Content Specialist, Dinosaur Hall and Life Over Time revisions.

Media Development: Coordinated Scientific American magazine and web site stories on Madagascar Mesozoic discoveries; feature article in Chile's largest newspaper, El Mercurio, 15 July 2002; interviewed and quoted in numerous media articles and TV shows.

Other: Various collections tours and related events; developed NSF-supported, bilingual informal educational brochure on paleontology and geology of the Chilean Andes; numerous Institutional Advancement/Development activities.

Lance Grande

Exhibit Development: Content Advisor, Life Over Time exhibit revitalization.

Public Presentations: Field Museum Members' Nights.

Media Development: Interview with Time magazine correspondent on sturgeons.

Tours and Field Trips: Women's Board tour of Geology Department.

Lori Grove

Public Presentations: Techniques Showcase: "Line and Stipple Inking" at the Annual Meeting of the Guild of Natural Science Illustrators, Lawrence, KS.

Rebekah Hines

Education Programs: Field Museum Members' Nights.

Web Projects: Mazon Creek Flora and Paleobotany Database web sites.

Philip E. Janney

Public Presentation: "Rock and Mineral Identification" at Morton Arboretum.

Yusheng Liu

Exhibit Development: Content Advisor, Life Over Time exhibit revitalization.

Education Programs: Field Museum Members' Nights.

Web Projects: Paleobotany Database web site.

Pete Makovicky

Exhibit Development: Content Advisor, Life Over Time exhibit revitalization.

Education Programs: Lecture for high school students on Tiniest Giants exhibit.

Media Development: Approximately 30 interviews with various print, radio, and on-line media relating to the two Nature papers published this year. These stories ran in journals such as National Geographic and Science News and dailies such as the Chicago Tribune and the Sun Times.

Web Projects: Content development, [Expeditions@Field Museum](#) web site.

Jenny McElwain

Exhibit Development: Content Advisor, Life Over Time exhibit revitalization.

Education Programs: Field Museum Members' Nights.

Media Development: Interviews: Chicago Tribune, Chicago Sun-Times, Chicago Red Streak, The Star (south suburban Chicago), Associated Press, The New York Times, ABCnews.com, MSNBC News, Newsday (Sarasota, Fla.), Herald Tribune (Florence, Ala.), Times Daily, Canadian Television, The Advocate, MyInKy, Register Star (Rockford, IL), Columbus Telegram (Neb.), Frederick News-Post (Maryland), Tuscaloosa News, WGN-TV: 9pm News, Noon News, and Ask Tom Skilling.

Clarita Nuñez

Education Programs: Field Museum Members' Nights.

Tours and Field Trips: Class tour in museology.

Olivier Rieppel

Exhibit Development: Content Advisor, Life Over Time exhibit revitalization.

Education Programs: Field Museum Members' Nights.

Public Presentations: University of Zürich: "The Origin of Snakes;" Natural History Museum, Basle: "The Origin of Snakes;" Museo Civico di Storia Naturale di Milano: "The Origin of Snakes;" Loop Luncheon presentation.

Akiko Shinya

Education Programs: Field Museum Members' Nights.

William F. Simpson

Exhibit Development: Content Advisor, Life Over Time exhibit revitalization.

Education Programs: Field Museum Members' Nights.

Public Presentations: Lecturer, Cincinnati Gem, Mineral, Fossil & Jewelry Show; Lecturer, LOESS earth science society annual meeting at Illinois State Fairgrounds in Springfield; Presentation to Wilmette grade school on dinosaurs.

Media Development: Participated in media opening of Tiniest Giants exhibit.

Other: Member of FMNH DOG freelance prep team to build exhibit cast of Paleozoic shark for Indianapolis State Museum; Advised Lew Crampton, President of Burpee Museum of Natural History, on their new "JANE" dinosaur project.

Wendy Taylor

Exhibit Development: Content Advisor, Life Over Time exhibit revitalization.

Education Programs: Tentacles of Terror; Field Museum Overnight Program workshop leader; Scientist at the Field; speaker, Women in Science Breakfast; Field Museum Members' Nights; Family Fun with Fossils program; Project Exploration, Advanced Paleontologist Program, New Castle, WY; Morton Arboretum, Naturalist Certificate Program, instructor: "Illinois Geology: Glaciers to Tropical Seas," "Our Glacial History," and "Reading the Landscape of Illinois."

Public Presentations: Presentation, Glenbrook High School; Earth Science Club of Northern Illinois (ESCONI) Gem and Fossil show, exhibitor; Mid America Paleontology Society (MAPS) Exposition, exhibitor; Chicagoland Gem and Mineral Show, exhibitor; Gem, Mineral, Fossil Show of Greater Cincinnati, exhibitor; Springfield Gem, Mineral and Fossil Show, exhibitor.

Tours and Field Trips: Mazon Creek Field Trip.

Other: Morton Arboretum, Naturalist Certificate Program, instructor.

Constance Van Beek

Education Programs: Field Museum Members' Nights; fossil preparation workshop for Educational Overnights.

Other: Various behind-the-scenes tours.

Meenakshi Wadhwa

Exhibit Development: Content Specialist, Einstein.

Education Programs: Field Museum Members' Nights; Short course for Field Museum members "Meteorites: what they are and why we study them."

Media Development: Profiled in Women of Discovery by Milbry Polk and Mary Tie Green, Publishers Clarkson Potter, New York.

Tours and Field Trips: Tours of the Isotope Geochemistry Laboratory to Collections and Research Committee of the Board of Trustees.

Gina D. Wesley

Public Presentations: Lecture at meeting of Earth Science Club of Northern Illinois.

## DEPARTMENT OF ZOOLOGY

John M. Bates

Exhibit Development: Content specialist, Bringing the Pritzker Laboratory to the Public; Content Specialist, Genomic Revolution; Content Specialist, Messages from the Wilderness; Content Specialist, Photographs by Terry Evans.

Education Programs: Field Museum Members' Nights; Presentation, Illinois Audubon Society; Presentation, University of Illinois, Chicago Foreign Student Program.



Public Presentations: Lecture, Chiaravalle Pre-school; Presentation, Founders' Council Loop Luncheon; Presentation, A. Watson Armour III, Spring Symposium; Public Presentation, Chicago Humanities Festival; Presentation, Workshop on Conservation Programs in The Field Museum.  
Media Development: Newspaper interviews (3), Chicago Tribune; Radio interview, Australian Broadcasting Corporation; Radio interview, Voice of America; Television interview, NBC News (channel 5); Interview, Science; Interview, In the Field.  
Web projects: Content Specialist, Collaborations in Congo web site.  
Other: Presentations, Trustee Field Trips; Content Specialist, Encyclopedia Britannica; Collection Tour, African Wildlife Federation; Collection Tour, World Wildlife Fund; Collection Tour, Gordon Moore Foundation.

Rüdiger Bieler

Exhibit Development: Co-curator, Pearls exhibit.  
Education Program: The Culture of Pearls lecture series.  
Public Presentations: Various lectures on Pearls and related research.  
Media Development: Interviews and media involvement in newspaper, magazine and TV coverage of Pearls exhibit; various newspaper articles on Florida biodiversity research.  
Web Projects: Development of PEET web site(peat.fnmh.org); Content Specialist for Pearls web site.  
Other: Various behind-the-scenes collections tours.

Barry Chernoff

Education Programs: Presentation, Women's Board; Field Museum Members' Nights; Field Museum Family Education Class.  
Public Presentations: 2 Presentations for donors groups  
Media Development: Newspaper interview, Chicago Tribune; Radio interview, Odyssey (WBEZ); TV presentation, Wild Chicago (WTTW).  
Tours and Field Trips: Tour Leader, Amazon by Riverboat.  
Web Projects: AquaRAP web site; Division of Fishes web site.  
Other: Various behind-the-scenes collections tours.

Jochen Gerber

Education Programs: Docent training for new interpretive station on mollusks; Field Museum Members' Nights; Calumet BioBlitz.  
Tours and Field Trips: Salvaging trip to Jackson Park lagoon.  
Other: Various behind-the-scenes collections tours.

Thomas Gnoske

Tours and Field Trips: Tour Leader, Northern Tanzania.

Paul Z. Goldstein

Public Presentations: Butterfly and Moth Workshop, Ryerson Woods; Calumet BioBlitz; Field Museum Members' Nights.  
Other: Behind-the-scenes tours for Institutional Advancement.

Janeen Jones

Education Programs: Field Museum Members' Nights.

Shannon J. Hackett

Exhibit Development: Content Specialist, Bringing the Pritzker Laboratory to the Public.  
Education Programs: Field Museum Members' Nights, summer class on birds for Field Museum pre-school program.  
Public Presentations: Chiaravalle Pre-school; Chiaravalle Middle School; Chicago Humanities Festival.

Media Development: Newspaper interviews, Evanston Review, Skokie Review, Midwest Magazine, Chicago Reader, Medill School of Journalism (Northwestern University); Interviews (2), Science; Television interview, WGN.

Web Projects: Content Specialist, Pritzker Lab web site.

Other: Various behind-the-scenes collections tours; Presentation, Trustee Field Trips.

Lawrence R. Heaney

Education Programs: Field Museum Member's Nights; "Wild Mammals of Evanston", Dawes Elementary School, Evanston.

Public Presentations: Bhutan Program presentations.

Media Development: Bhutan interviews; New York Times, conservation at Field Museum; National Geographic, articles on biodiversity in the tropics.

Web Projects: Updates of Vanishing Treasures of the Philippines and Mammals of the Philippines web sites.

Other: Various behind-the-scenes collections tours.

Mary Hennen

Education Programs: Morton Arboretum; Calumet BioBlitz; Field Museum Members' Nights.

Public Presentations: Will County Audubon; University of Chicago; Chicago Audubon Society; University of Michigan; North Park College; Highland Park Audubon; Hope College.

Media Development: Peregrine program interviews for local and national news ABC, CBS, NBC, Fox & WBEZ Radio.

Maureen Kearney

Education Programs: Field Museum Members' Nights; Behind the Scenes, Reptile Division, family education program; collection tour, Northwestern University Biology students.

Julian C. Kerbis Peterhans

Education Programs: Calumet BioBlitz.

Public Presentations: Public Lecture on "Causes of Man-eating among lions," Roosevelt University and Northwestern University.

Media Development: NY Times, Newspaper article and interview on 'A new look at lions' manes'; BBC Wildlife, "Maneless but still manly".

Other: Various behind-the-scenes collections tours.

James B. Ladonski

Education Programs: Field Museum Members' Nights; Calumet BioBlitz; Jackson Park Animal Rescue.

Other: Various behind-the-scenes collections tours; Science Advisor, Gar Anglers' Sporting Society.

Alfred F. Newton

Education Programs: Field Museum Members' Nights; Calumet BioBlitz.

Bruce D. Patterson

Exhibit Development: supervised casting of Tsavo man-eater skull for Education volunteers and research collection; review traveling exhibit prospectus; consultation with exhibit developers of Midwest Museum of Natural History (Sycamore IL) and Taita Discovery Centre (Kenya); preparation of posters on Earthwatch research for Taita Discovery Centre, Tsavo West Discovery Center, and Tsavo East Research Centre.

Education Programs: Field Museum Founders' Council, Loop Luncheon; Museum-wide noon lecture; Web site development and Public Service employees lecture on Manu; Field Museum Members' Nights.

Public Presentations: Earthwatch Institute, Chicago Chapter, Aurora IL; Midwest Museum of Natural History, Sycamore IL.

Media Development: appearance in syndicated television programs "In search of" (Sci-Fi) and on Discovery Channel Canada; subject of filming by Man-eater Productions and by Animal Planet's "The Jeff

Corwin Experience”; interviews published in The Independent (U.K.), Washington Post, Minneapolis Star-Tribune, National Post (Toronto), Science News, Oklahoma State O' Collegian, and others.

Tours and field trips: Field Museum Tour, Kenya.

Web Projects: [http://fm1.fieldmuseum.org/aa/staff\\_page.cgi?staff=patterso](http://fm1.fieldmuseum.org/aa/staff_page.cgi?staff=patterso));

<http://www.fieldmuseum.org/projecter/manu/>);

<http://www.earthwatch.org/expeditions/patterson.html>; also virtual articles appearing on National Geographic Society's and Scientific American's web sites.

Martin D. Prydzia

Education Programs: Field Museum Scientist On The Floor – Invertebrates; Field Museum Members' Nights.

Alan Resetar

Exhibit Development: Hall of Reptiles reconfiguration; Temporary amphibian and reptile exhibits.

Education Programs: Field Museum Members' Nights; Calumet BioBlitz, Jackson Park Animal Rescue.

Media Development: Radio interview, Extension 720 (WGN); Radio interview with John Cody, Newsradio 780 (WBBM).

Mary Anne Rogers

Education Programs: Field Museum Members' Nights.

Tours and Field Trips: Field Museum Tour, Tanzania.

Minh Tho Schulenberg

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for Institutional Advancement, school groups.

Petra Sierwald

Media Development: Interviews and media involvement with Chicago Tribune, Chicago Sun-Times; WBEZ life interview, Milwaukee Sentinel and others on spider and millipede biodiversity research.

Other: Various behind-the-scenes collections tours.

William Stanley

Exhibit Development: Advisor, Stanley Field Hall elephant restoration.

Education Programs: Field Museum Members' Nights.

Public Presentations: Introduction to National Geographic Lecture.

Tours and Field Trips: Field Museum Tour, Tanzania.

Web Projects: Developer, Tanzania Mammal Key web site.

Other: Developer and Producer, Tanzania small mammal educational posters; Various behind-the-scenes collections tours.

Kevin Swagel

Exhibit Development: Content Specialist, From Prairie to Field.

Education Programs: Field Museum Members' Night; Calumet BioBlitz.

Other: Behind-the-scenes tour for Plainfield High School students.

Margaret K. Thayer

Education Programs: Field Museum Members' Nights; Field Museum e-field trip, Calumet BioBlitz.

Media Development: Newspaper interviews, Chicago Tribune, Chicago Sun-Times; magazine interview, TIME; television interviews, Chicago Works (TV23).

Other: Various behind-the-scenes collections tours.

Janet R. Voight

Education Programs: Field Museum Scientist On The Floor – Invertebrates; Field Museum Members' Nights.

Harold K. Voris

Education Programs: Field Museum Members' Nights.

Media Development: Newspaper interview, Chicago Sun-Times.

Mark W. Westneat

Education Programs: Field Museum Members' Nights.

Web Projects: Research web site, content for Pritzker Lab site.

Other: Various behind-the-scenes collections tours.

David Willard

Education Programs: Museology; Scientist in the Field; Parental Involvement Project; Bird Hall Docent Training.

Public Presentations: Chicago Humanites Festival, Chicago Ornithological Society.

Tours and Field Trips: Tour Leader Northern Tanzania; Development Tour to West Palm Beach, FL.

Other: Various behind-the-scenes collections tours.

Philip Willink

Education Programs: Field Museum Members Nights'; Calumet BioBlitz; "Introduction to Field Museum Research" presentation to University of Chicago graduate students.

Media Development: Newspaper interview, Chicago Sun-Times; Newspaper photos, The Times – Northwest Indiana.

Other: Various behind-the-scenes collections tours.

## HIGHER EDUCATION, 2002

(College/University Teaching, Graduate Advising, Internships, etc.)

### DEPARTMENT OF ANTHROPOLOGY

Bennet Bronson

Course: "Ancient Technology," University of Illinois at Chicago.

Winifred Creamer

Courses: "Rise of Civilization," Northern Illinois University, undergraduate; "Archaeology of the American Southwest," Northern Illinois University, graduate and undergraduate; "Rise of Civilization," Northern Illinois University, undergraduate; "Archaeological Method and Theory," Northern Illinois University, graduate.

L. Antonio Curet

Graduate Students Advised: Mark Gross, University of Illinois at Chicago; Virginia Rivera, Carlos Pérez, Elvis Babilonia, and Luis Rodríguez Gracia, Centro de Estudios Avanzados de Puerto Rico y el Caribe.

Scott Demel

Other: Historical archaeology field school, DePaul University; Collections Tours: Harper College; Oakton Community College; Northwestern University.

Gary M. Feinman

Graduate Students Advised: Laura Waterbury, University of Illinois at Chicago; Jennifer Clark, University of Illinois at Chicago; Andrew Wyatt, University of Illinois at Chicago.

Course: "The Rise of Early Civilizations," Shandong University, Jinan, China.

Other: Committee member for the Graduate Studies Committee, Anthropology, University of Illinois at Chicago.

Jonathan Haas

Graduate Students Advised: Dan Corkill, Anthropology, University of Illinois at Chicago; Teresa Chun and Rebecca Bria, Northern Illinois University, DeKalb, IL.

Courses: "Archaeology of the Southwest," University of Illinois at Chicago.

Other: Field Museum tour, Peru.

Robert L. Hall

Invited/guest lectures: Washington University, St. Louis, MO; College of Lake County; University of Illinois at Chicago.

Other: Active member of dissertation committee of Mary Vermilion, Ph.D. candidate, University of Illinois at Chicago.

Laura Junker

Courses: "Chiefdoms," University of Illinois at Chicago, graduate and undergraduate; "Archaeology of Asia," University of Illinois at Chicago, undergraduate.

Chap Kusimba

Graduate Students Advised: Kara Babrowski, Rahul Oka, David Wright, all University of Illinois at Chicago; Daphne Gallagher, Stephen Dueppen, both University of Michigan, Ann Arbor, MI.

Undergraduate Students Advised: Carie Buckhard, University of Illinois at Chicago.

Other: Lectures given on Archaeology, technology and economy—National Museums of Kenya, Nairobi; The archaeology of complexity an Africanist perspective, Fort Jesus Museum, Mombasa, Kenya.

Dorren Martin-Ross

Other: Guest lecturer, Anthropology class, Northwestern University.

Steve Nash

Graduate Interns: Anne Carpenter, University of Chicago.

Undergraduate Interns: Sean Bergin, Notre Dame University; Chris Gilbert, Loyola University; Alison Lanski, University of Chicago; Kathryn Manning, Loyola University; Kathleen Manuselis, Loyola University; Rob Nalewajk, Grinnell College; Juan Peng, University of Illinois at Urbana-Champaign; Patrick Vanhoebrouck, University of Illinois at Chicago; Adrienne Winans, University of Chicago; Ronnie Wells, Choctaw Nation, Hilda Williams, Odawa Nation.

Joel Palka

Graduate Student Advised: Jeff Buechler, University of Chicago.

Other: Chair, Dissertation Committee: Andrew Wyatt, Rosa Cabrera; Committee Member: Sharon Peniston.

Anna C. Roosevelt

Postdoctoral Field Intern: Vilacy Galucio, Museu Paraense Emilio Goeldi.

Graduate Students Advised: Vania Smith, Ellen Quinn, both University of Illinois at Chicago; Michael Deitz, University of Missouri.

Undergraduate Interns: Silvana Galvao dos Santos, Jasson Iran Monteiro da Cruz, Judith Ribeiro Gama, Universidade Federal do Para, Santarem.

Interns or Trainees: Mark Baldrige, Chicago; Anderson Marcio Amaral Lima, Santarem, Brazil; Salionai Neves Ribeiro and Osias da Silva Ribeiro, Monte Alegre, Brasil; Wanderlei Souza da Silva, Sebastiao Sourza da Silva, Jose Maria Souza da Silva, Altamira, Brazil; Raimundo Nonato Borges da Costa, Novo Progresso, Brazil; Antonio Ferreira da Silva, Rio Curua, Brazil.

Courses: "Peopling of the Americas" (graduate); "Environment and Human Evolution in Africa" (Graduate), both Anthropology, University of Illinois at Chicago.

John Edward Terrell

Course: "Race, Language, and History," University of Chicago.

Anne Underhill

Graduate Student Advised: Geoffrey Cunnar, Ph.D. candidate, Department of Anthropology, Yale University.

Other: Committee member, Debra Green, University of Illinois at Chicago; Monique Scott, Yale University.

Alaka Wali

Postdoctoral Fellow: Raymond Codrington.

Graduate Students Advised: Michael Hudson, Ph.D., Sharon Penniston, ABD, University of Illinois at Chicago; Joanna Brown, University of Chicago; Patricia Williams and Ellen Kang, University of Illinois at Chicago.

High School Interns: Daniel Rhymer, Evanston Township High School.

Trainees: Miguel Macedo, CIMA, Peru; Monica Herbas, Bolivia.

Courses: "Introduction to Urban Field Research," "Advanced Urban Field Research," Northwestern University.

Cameron B. Wesson

Courses: "Introduction to Archaeological Field Methods," University of Illinois at Chicago; "Introduction to Archaeological Laboratory Methods," University of Illinois at Chicago; "History of Anthropological Theory," University of Illinois at Chicago; "North American Indians," University of Illinois at Chicago.

Patrick Ryan Williams

Graduate Students Advised: Kirk Costion, University of Pittsburgh; Chris Dayton, Boston University; Elissa Faro, University of Michigan; Charlotte Perkins, University of Florida; Kenneth Sims, University of Michigan; Howard Tsai, University of Michigan; Ben Vining, Boston University.

Undergraduate Students Advised: Santiago Juarez, Northwestern University; Alisha Hudson, Northwestern University; Brian Wilson, Northwestern University.

#### DEPARTMENT OF BOTANY

Michael O. Dillon

Invited/guest lectures: Universidad Nacional de San Agustín, Arequipa, Peru; Universidad Privada Antenor Orrego, Trujillo, Peru.

Sabine M. Huhndorf

Graduate Students Advised: Matthew DaRin and Andrew Miller, University of Illinois at Chicago.

Patrick R. Leacock

Undergraduate Interns: Tim Millar, University of Chicago; Katherine Turk, University of Chicago.

High School Interns: Dwyer Kilcollin, Choate Rosemary Hall, Wallingford, CT.

Robert Lücking

Graduate Students Advised: Lidia Ferraro, IBONE, Argentina; Marcela Cáceres, University of Bayreuth, Germany.

Undergraduate Students Advised: Paola Martínez Colín, UNAM, Mexico; Khwanruan Papong, Ramkhamhaeng University, Thailand.

Courses: "Introduction to Biology" and "Taxonomy of Tropical Lichens," University of Costa Rica, Costa Rica.

Gregory M. Mueller

Postdoctoral Associates: Patrick Leacock.

Graduate Students Advised: Andrew Miller, Matt DaRin, and Ruth Aldana Gómez, University of Illinois at Chicago; Jutta Buschbom and Kelly Gravier, University of Chicago; Laura Guzmán, UNAM, Mexico.

Undergraduate interns: Erin Loomis, University of Chicago.

Trainees: Isaac López Núñez, Enia Navarro Valverde, Eida Fletes Almengor, María Xinia Osés Leitón, and Milton R. Umaña Salazar, all INBio, Costa Rica; 2 students/young faculty each from Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica, and Panama, Central America Mycology Workshop.

Course: Lecture in "Scientific Integrity and Ethical Conduct of Research" course for first year BSD graduate students, University of Chicago.

Invited/guest lectures: Department of Botany, University of Wisconsin, Madison; University of San Carlos of Guatemala.

Djaja Djendoel Soejarto

Postdoctoral Associates: Marian Kadushin, Phan Ke Loc.

Graduate Students Advised: Joanna Michel, Amey Libman, Huu Nguyen, Amanda Koch, Tatiana Lobo, Ryan Case, and Michael Colvard, all University of Illinois at Chicago.

Trainees: Katarina Topolev, University of Belgrade, Yugoslavia.

Courses: "Microscopy of Crude Drug Products," University of Illinois at Chicago; "Research Techniques in Pharmacognosy," University of Illinois at Chicago; "Medical Botany," College Botany Program, Morton Arboretum and Associated Colleges of the Chicago Area.

Invited/guest lectures: Invited seminar presentation, Institute of Natural Medicine, Toyama Medical and Pharmaceutical University, Toyama, Japan; Guest lecturer, Department of Forestry, Division of Forest and Wildlife Research Institute (FWRI), Phnom Penh, Cambodia; Invited presentation, Department of Biology,

Royal Cambodian University, Phnom Penh, Cambodia; Invited Seminar, Field Museum, Chicago; Invited Seminar presentation, Merlion Pharma, Singapore.

Gayle Tonkovich

Course: "Introduction to Botany," The Field Museum.

Jun Wen

Postdoctoral Associates: Chunghee Lee; Ki-Oug Yoo.

Invited/guest lectures: Invited presentation, Department of Botany, University of Wisconsin, Madison, WI; invited presentation, Evolutionary Morphology Seminar Series, University of Chicago, Chicago, IL; invited presentation, Bailey Hortorium, Cornell University, Ithaca, NY.

#### CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Rosa Cabrera

Course: "Museums as Cultural and Educational Resources" Lane Credit, Continuing Professional Development Unit (CPDU) Course for teachers and counselors, Cultural Connections, The Field Museum.

Invited/guest lectures: Guest Lecturer for "Professional Linkage Seminar: Museums and the Public," and "Advanced Urban Field Research" at Northwestern University.

Raymond Codrington

Undergraduate Intern: Ryan Inton, Lake Forest College.

Invited/guest lectures: Invited Lecturer for Cultural Theory Seminar at the School of the Art Institute; Invited Lecturer, "Professional Linkage Seminar: Museums and the Public," Northwestern University.

Rebecca Severson

Courses: "Introduction to Anthropology and Museums as Cultural and Educational Resources," (3 Undergraduate courses), Robert Morris College.

Madeleine Tudor

Undergraduate Interns: Marley Crutcher, University of Kansas; Steven Mayne, Northwestern University; Alexandra Trumbull, Beloit College.

Courses: "Professional Linkage Seminar: Museums and the Public," "Introduction to Urban Field Research," and "Advanced Urban Field Research," Northwestern University.

Alaka Wali

(see Department of Anthropology)

#### ENVIRONMENTAL CONSERVATION PROGRAMS

Daniel Brinkmeier

Graduate Student Advised: Grace Servat, University of Missouri.

Trainees: Kinley Tsering, Sangay Dorji.

Undergraduate Interns: Nathan Strait and Stephanie Shultze, The School of the Art Institute, Chicago, IL.

Carol J. Fialkowski

Invited/guest lectures: "Public Understanding of Science: Building Bridges Between Research and Public Knowledge," Southern Illinois University chapter of Sigma Xi/Spring Lecture Series, Carbondale, IL; "Using Values for Nature Communication: A Museum's Approach," University of Illinois at Urbana-Champaign, Environmental Horizons Conference.



Robin B. Foster

Graduate Students Advised: Tatiana Lobo, Gabriela Nuñez, Christina Martinez, all University of Illinois, Chicago; Laura Torres, Northeastern Illinois University; Paul Fine, University of Utah, Lis Nevis, University of Chicago.

Undergraduate Student Interns: Aaron Franklin, Amber Staab, both University of Chicago.

Trainees: Montserrat Rios, Nucleo de Altos Estudios Amazonicos, UFPA, Belem, Para, Brazil; Nidia Matamorros, Bilwi, RAAN, Nicaragua; Lisette Grijalva, Herbario Nacional, Managua, Nicaragua; Edna Margarita Olarte, Inst. Ciencias Naturales, Bogota, Colombia; Jennifer Cruz, Amazon Conservation Association, Washington, DC; 3 Rainforest Expeditions ecotourism guides; Narel Paniagua, Herbario Nacional, La Paz, Bolivia; Tim Killeen, Conservation International, Bolivia/Washington, DC; Eduardo Nicander, Rainforest Expeditions, Lima, Peru; Cesar Azurida, Guatemala; Daniela Zappi, Eimear Nic Lughadha, Kew, London; Tom Givnish, University of Wisconsin; Rosemary Barraclough, New Zealand.

Courses: Field Museum Advanced Ecology/Botany Field Training Module, Rio Amigos Research Center, Amazon Conservation Association, Madre de Dios, Peru; Invited field workshop leader, Organization for Tropical Studies, 3M course, Barro Colorado Island, Panama.

Other: Exhibition of Tools for Conservation at: Peruvian Botanical Congress, Iquitos; Association for Tropical Biology Meetings, Panama; Latin American Botanical Congress, Colombia.

Thomas S. Schulenberg

Graduate Student: Dan Davison, University of Chicago.

Douglas F. Stotz

Graduate Students Advised: Norbert Cordeiro, Jose Tello, both University of Illinois at Chicago; Alexander Dehgan, Christina Bentz, both University of Chicago; James Armacost, Illinois State University.

## DEPARTMENT OF GEOLOGY

John R. Bolt

Graduate Student Advised: Daniel Snyder, University of Iowa.

Darin Croft

Invited/guest lectures: "The Cardiovascular System," Minority Medical Education Program, Association of American Medical Colleges, Chicago Consortium.

Courses: Lecturer and Co-Course Director, "Human Morphology I" and Course Director, "Human Morphology II," The University of Chicago – Pritzker School of Medicine (graduate).

John J. Flynn

Postdoctoral Scientist: Darin Croft.

Graduate Students Advised: Karen Sears, Gina Wesley, Jonathan Marcot, Anjali Goswami, John Finarelli, Francesca Smith, Phil Anderson, all University of Chicago; Lovasoa Ranivoharimanana, University of Antananarivo (Madagascar); Aaron Hogue, Northwestern University; Mahesh Gurung, University of Illinois at Chicago; Informal advising for 3 PhD. students, Universidad de Chile.

Undergraduate Student Advised: María Angélica Torres, Universidad Católica (Chile).

Courses: "Evolution: Genes to Groups" (with Paul Goldstein), undergraduate course at University of Chicago; reading course on Triassic/Jurassic vertebrates and strata for P. Anderson, University of Chicago; "Vertebrate Paleontology and Evolution," 4-day workshop and mini-course, Universidad de Chile; "Biogeography and Evolution of South American Mammals," Universidad Católica, Chile.

Lance Grande

Postdoctoral Scientist: Eric Hilton.

Graduate Student Advised: Rebecca Thomas, University of Chicago.

Undergraduate Intern: Christian Kammerer, University of Chicago.

Philip E. Janney

Other: Adjunct Assistant Professor, Northern Illinois University, DeKalb, IL.

Peter J. Makovicky

Graduate Student Advised: Bonnie Gulas, University of Chicago.

High School Interns: Emma Cape, Illinois Math and Science Academy.

Trainees: Stuart Fox, University of Chicago.

Invited/guest lectures: University of Chicago EvMorph Seminar Series; University of Southern California, Department of Earth Sciences, Seminar Series.

Jenny McElwain

Graduate Students Advised: Ramya Siveraj, Northwestern University; Surangi Punyasena, University of Chicago.

Undergraduate Intern: Jessica Wade-Murphy, University of Chicago.

Olivier Rieppel

Graduate Students Advised: Liu Jun, Li Chun, Institute of Vertebrate Paleontology and Paleoanthropology, Beijing; Jack Conrad, University of Chicago.

Courses: "The Evolution and Diversification of Reptiles," for undergraduates, Northwestern University; "What happens if the language of science breaks down in systematics - a Popperian perspective" graduate student seminar: University of California, Berkeley; "Semaphoronts, empirical classes, and the roots of total evidence," for graduate students, The Natural History Museum, London.

William F. Simpson

Undergraduate Interns: Amy L. Strauss, University of Pittsburgh; Melissa A. Gibson, Indiana University-Purdue University Indianapolis.

Meenakshi Wadhwa

Postdoctoral Scientists: Catherine N. Foley; Nicolas Dauphas.

Undergraduate Intern: Nicolas A. Beecher, University of Chicago.

Invited/guest lectures: Invited Seminar, Northern Illinois University, DeKalb, IL; Invited Seminar, University of Illinois, Urbana-Champaign, IL.

Peter J. Wagner

Graduate Students Advised: Jonathon Marcot, Allison Beck, Rebecca Price, Tom Rothfus, Bjarte Hannisdal, Lee Hsiang Liow, Carl Simpson, Kim Koverman, all University of Chicago.

Courses: Graduate Reading Courses, all University of Chicago: Bjarte Hannisdal (Morphometrics); Rebecca Price (Multivariate statistics); Tom Rothfus (Distributions and Sampling); Carl Simpson (Trends).

## DEPARTMENT OF ZOOLOGY

John M. Bates

Graduate Students Advised: Jorge Perez, University of Missouri; José Tello, Terry Demos, Norbert Cordiero, Kenneth Jones, Joseph Oyugi, all University of Illinois at Chicago; Ana Carnaval, Dan Davison, Trina Roberts, Rachel Collin, all University of Chicago; Michael Huhndorf, Illinois State University; Wilsea Figueiredo, Universidade do Pará, Belém; Charles Kahindo, Makerere University, Uganda.

Trainees: Innocent Balagizi, Centre de Recherche en Sciences Naturelles, Lwiro, Bukavu, Democratic Republic of Congo; Ndara Ruziga, Centre de Recherche en Sciences Naturelles, Lwiro, Bukavu, Democratic Republic of Congo; Muzumani Risasi, Centre de Recherche en Hydrobiologie, Uvira, Democratic Republic of Congo.

Course: "Ornithology," Northwestern University; Bird Division population genetics and systematics reading group.

Rüdiger Bieler

Postdoctoral Scientist: Russell Minton.

Graduate students advised: Isabella Kappner, University of Illinois at Chicago; Rachel Collin, University of Chicago, Committee on Evolutionary Biology; Rebecca Mara Price, University of Chicago; Kamon Jirapong, Illinois Institute of Technology, College of Architecture; Louise Crowley, City University of New York.

Undergraduate Intern: Carrie Seltzer, Hanover College.

Course: "Natural and Cultural History of Pearls" [in: "Topics in Cultural Studies: Jewelry as Culture"], University of Illinois at Chicago.

Other: Organizer, NSF-sponsored field workshop (Florida), training 12 graduate students in marine malacology.

Barry Chernoff

Graduate Students Advised: Emily Allen, University of Chicago; Courtney Babbitt, University of Chicago; Rachel Collin, University of Chicago; James Cooper, University of Chicago; Matthew Dean, University of Iowa; Anjali Goswami, University of Chicago; Eugene Hunt, University of Chicago; Jeff Janovetz, University of Chicago; Lee Hsiang Liow, University of Chicago; Karl Polivka, University of Chicago; Lisa Rosenberger, University of Chicago; Charles Tristan Stayton, University of Chicago; K. Rebecca Thomas, University of Chicago; Brian Sidlauskas, University of Chicago; Mike Tringali, University of South Florida; Lucia Luna Wong, University of Illinois at Chicago.

Undergraduate Intern: Tracey Jones, Loyola University, Chicago.

Course: "Systematic Biology" (graduate and undergraduate course), University of Chicago; "Advanced Systematic Biology" (graduate course), University of Chicago; "Morphometrics" (graduate course), University of Illinois at Chicago.

Invited/guest lectures: Invited Lecturer for "Meet the Field Museum" (graduate seminar), University of Chicago.

Jochen Gerber

Undergraduate Intern: Holly Anderson, Harvard University.

Paul Z. Goldstein

Postdoctoral Scientists: Zhiwei Liu, Nikolaos V. Schizas.

Graduate Students Advised: Rebecca Rundell, University of Chicago; Sarah Haggerty, University of Massachusetts; Sheryl Breedlove, University of Illinois at Chicago.

Undergraduate Intern: Kate Knuth, University of Chicago.

High School Intern: Chris Grinter, Lake Forest High School.

Trainee: Astrid Guerra.

Courses: "Evolution: Genes to Groups," University of Chicago; "Introduction to Research at The Field Museum," University of Chicago.

Invited/guest lectures: "Ecology & Evolution," University of Chicago.

Steven M. Goodman

Graduate Students Advised: Marie Jeanne Raharilalao, Voahangy Soarimalala, Domoina Rakotomalala, V. Razakarivony, H. Rakotondravony, and M. Raheriarisena, and an additional 6 D.E.A. students, Université d'Antananarivo, Madagascar; Eric Palkovacs, Yale University; Karen Samonds, State University of New York at Stony Brook.

Courses: "Biogeography of Madagascar" and "Biological Inventory Techniques," Université d'Antananarivo; "Mammals of Madagascar" and "The origins of the Madagascar biota," Tropical Biology Association, Kirindy Field Course.

Shannon J. Hackett

Graduate Students Advised: Rauri Bowie, University of Cape Town; Melissa Burns, University of Illinois at Chicago; Daniel Cadena, University of Missouri, St. Louis; Ana Carnaval, University of Chicago; Zac Cheviron, Illinois State University; Dan Davison, University of Chicago; Nitzan Mekel, University of

Chicago; Trina Roberts, University of Chicago; Brian Sidlauskas, University of Chicago; José Tello, University of Illinois at Chicago.

Trainee: Ana Agreda, University of Missouri.

Course: “Ornithology,” Northwestern University; Introduction to Field Museum Research, University of Chicago, Bird Division population genetics and systematics reading group.

Lawrence R. Heaney

Graduate Students Advised: Gina Wesley, Trina Roberts, Rebecca Rowe, all University of Chicago.

Course: “Biogeography” (graduate and undergraduate course), University of Chicago.

Guest Lectures: “Special Topics: Research at the Field Museum”, University of Chicago; “Evolutionary Biology for Non-majors”, Northwestern University.

Graduate Intern: Sonam Wang, Cornell University.

Robert F. Inger

Invited/guest lectures: Seminar presented at Annual meeting of Biodiversity Research and Training Program of Thailand.

Julian C. Kerbis Peterhans

Graduate Students Advised: Robert Kityo, Makerere University, Uganda; Kavitha Damal, Michael Huhndorf, Illinois State University, Merina Foster, Northern Illinois University; Katherine Blue, University of Chicago.

Courses Taught: “Seminar in Natural Science,” (3 courses), Roosevelt University; “Methods of Critical reasoning,” Roosevelt University.

Invited/guest lectures: “Causes of Man-eating Among Lions,” Roosevelt University, Northwestern University.

Maureen Kearney

Graduate Students Advised: Adam Franssen, Courtney Babbitt, Jack Conrad, Rebecca Shearman, and Tristan Stayton, all University of Chicago.

Undergraduate Interns: Meg Hall, SUNY at Stony Brook; Melissa Kuberski, Western Illinois University; Carolina Monteiro, Cornell University; Nicholas Perrino, Loyola University, Chicago.

Invited/guest lectures: Guest lecturer for “Evolution” class at Northwestern University.

Other: Research tutorial at Field Museum for students in “Evolution” class from Northwestern University.

Alfred F. Newton

Postdoctoral Scientist: Alexey Solodovnikov.

Graduate Students Advised: Juan Márquez Luna, UNAM, Mexico; José-Luis Navarrete, UNAM, Mexico.

Bruce D. Patterson

Graduate Students Advised: Scott Fletcher, Governors State University; Alex Dehgan, Catalina Hoyos, both University of Chicago; Norbert Cordeiro, Maria Luisa Jorge, Lucia Luna Wong (Chair), Roselis Mazurek, James Norton, Oliver Pergams, all University of Illinois at Chicago; Carl Dick, Texas Tech University.

Trainees: Sergio Solari, University San Marcos, Lima, Peru; Sigismond and Cyril Wilson, Sierra Leone.

Undergraduate Interns: Joe Poch, Loyola University, Chicago; Allison Garoza, College of the Atlantic, Bar Harbor, Maine.

Courses: “Studies in Evolutionary Biology,” University of Chicago.

Alan Resetar

High School Interns: Philip Brown, Evanston High School; Kristen Kelsch, Ursuline Academy, Cincinnati, OH; Emily Stuebing, Archbishop McNicholas High School, Cincinnati, OH.

Petra Sierwald

Graduate Students Advised: Julian Bueno Villegas, Programa en Sistemática, Instituto de Ecología, A. C.; Xalapa, Veracruz; Sheryl Breedlove, University of Illinois at Chicago; Deborah Whittle, University of the West Indies, Jamiaca.

Undergraduate Interns: Bruce Snyder, University of Wisconsin at Green Bay; Danielle DuCharme Loyola University; Abigail Reft, University of Chicago.

Invited/guest lectures: Arthropod Biology Course, East Carolina University; "Introduction to Research at The Field Museum," University of Chicago.

William Stanley

Undergraduate Interns: Aaron Knapp, Loyola University; Lisa Powers, Loyola University.

Kevin Swagel

High School Intern: Oscar Gonzalez, Perspectives Charter School, Chicago.

Trainee: Muzumani Risasi, Democratic Republic of Congo.

Margaret K. Thayer

Postdoctoral Scientists: Alexey Solodovnikov; Oliver Betz, Kiel University; Vasily Grebennikov, University of Pretoria; Vladimir Gusarov, University of Kansas.

Graduate Students Advised: José Luis Navarrete-Heredia, Universidad Nacional Autónoma de México; supported successful FMNH visiting scholar application of Andrey Frolov, University of Pretoria.

Undergraduate Interns: Kevin Grady, DePaul University.

Trainees: David Clarke (assistant on PEET grant, planned University of Illinois at Chicago Ph.D. student).

Other: Advisor, insect illustration, Ancona School.

Janet R. Voight

Postdoctoral Scientist: Stephane Hourdez.

Graduate Student Advised: Kristin Sherrard, University of Chicago

High School Intern: Amanda Haas, Wheaton North High School.

Invited/guest lectures: Guest Lecturer for science party, onboard the R/V ATLANTIS.

Harold K. Voris

Postdoctoral Scientist: Bjorn Lardner.

Graduate Students Advised: Ana Carnaval and Jake Socha, University of Chicago; Jason Moll, Julie Kaplan and Bryan Stuart, University of Illinois at Chicago; Sohan Shetty, Nanyang Technological Institute, Singapore; Sansareya Wangkulangkul, Chulalongkorn University, Thailand.

Undergraduate Interns: Emily Helfrich and Michelle Reed, Hanover College.

Invited/guest lectures: Invited presentation, Department of Biological Sciences, Chulalongkorn University, Bangkok, Thailand; Invited presentation, Northern Kentucky University.

Mark W. Westneat

Graduate Students Advised: Jeff Janovetz, Jim Cooper, Aaron Rice, Tristan Stayton, all University of Chicago; Jennifer Fessler, University of Illinois at Chicago.

Undergraduate Intern: Christian Kammerer, University of Chicago.

David Willard

High School Interns: Adelaide Crocker, Katherine Finnegan, both Evanston High School.

Invited/guest lectures: Monmouth College; DePaul University; presentations, Art Institute of Chicago.

Philip Willink

High School Intern: Oscar Gonzalez, Perspectives Charter School.

## TRAINING PROGRAMS, 2002

The Field Museum's scientific staff contribute to a wide spectrum of formal and hands-on training in collections-based research for high school, undergraduate and graduate students, and young professionals each year. Building on the Museum's core subject matter in evolutionary and environmental biology and anthropology/archaeology, these programs meet a variety of needs—from encouraging young students to consider careers in the sciences, through providing training to minority and women undergraduates (two groups underrepresented in the sciences), to training young scientists from other countries in research techniques to tackle environmental conservation issues at home. From suburban high school interns to NGO scientists, from Chicago neighborhoods to the tropics, Field Museum staff lend their expertise to train future generations of biologists and anthropologists. The following is a broad sampling of the diverse array of training programs to which Field Museum scientists contribute.

### HIGH SCHOOL INTERNSHIPS

**Biodiversity Explorers.** This internship program, funded in part by the Bannerman Foundation, is designed to encourage high school students to consider the biological sciences as a career. The program introduces students to environmental biology and collections-based research through a program of fieldwork, laboratory work, lectures and "behind the scenes" museum experiences. In 2002, the 7<sup>th</sup> year of the program, five students from three Chicago high schools, Whitney Young High School, John Hope College Preparatory School and Lincoln Park High School, were chosen to be a part of the program. Using the UrbanWatch protocols, the students carried out biodiversity surveys of areas in which Museum scientists were conducting conservation work: Wolf Lake, Hegewisch Marsh and the Nike Missile Site. The students also began a restoration project in the William Powers Conservation Area on Wolf Lake in Calumet. Their summer experience culminated with the Calumet Biodiversity Blitz where they ran a stewardship station to educate the public about native and invasive plants and guided people through stewardship activities. The Bannerman Biodiversity Explorers fund covered the salary for the intern coordinator, supplies, and transportation costs for the program.

**Wood Internship.** Funded by a generous gift from J. Howard and Barbara M. J. Wood, this program is geared specifically at providing hands-on training for high-school students in the Museum's scientific areas. In 2002, the Wood program provided direct support for the five students participating in the Biodiversity Explorers Program (see above).

### UNDERGRADUATE INTERNSHIPS

**Field Museum Scholarship Committee Internships.** Each year The Field Museum supports three-month internships for undergraduate students and recent graduates to work directly with scientists at The Field Museum on collections-based research projects. For summer 2002, five students, one each from Pomona College (Claremont, CA), Beloit College, and the University of Florida, and two from the University of Chicago, worked on projects in Anthropology, and Zoology (Fishes).

**Native American Internship Program.** Since 1990, the Museum has offered internships for Native American students to work with the Museum's Native American collections. The interns assist with the Museum's repatriation program, inventory individual tribal collections, conduct research to respond to repatriation requests, and assist with visits of Native Americans to The Field Museum collections. John Beaver, of the Muscogee-Creek Nation and a Ph.D. candidate in Anthropology at University of Illinois at Chicago, continued his internship in 2002; in addition, Hilda Williams and Marion Wells, two representatives from the Chicago community and active members at the American Indian Center, also participated in the program.

Prince Visiting Scholars Program. This program, funded by the Prince Charitable Trust, provides support to recruit and train women and minority interns at the secondary and college levels. In 2002 the Prince program supported three interns in the Center for Cultural Understanding and Change, three in Zoology's Division of Amphibians and Reptiles, and one in Geology.

Cultural Collections Committee Interns. In 2001, the CCC, a "friends" group for the Anthropology Department, created a program to support fieldwork involvement for undergraduates; the award covers transportation costs for undergraduate interns to accompany FM curators in the field. In 2002, two interns worked in the anthropology collections, one on Philippines material, the other on the Javanese mask collection. Four other interns accompanied FMNH curators into the field, one to Oaxaca, one to east Africa, and two to Peru.

Internships in Anthropological Objects Conservation. In 2001, Anthropology's Conservation lab was awarded a Conservation Education and Training Grant from The Getty Grant Program, to support two one-year post-graduate internships in Anthropological Objects Conservation. The goal is to produce highly-trained archaeological and ethnographic conservators by offering advanced training in an institution with internationally recognized collections and conservation resources. The interns examine and treat a wide variety of objects, and also focus on a specific material or condition problem in depth. A travel stipend enables the interns to visit other institutions for research or attend a relevant conference. Teresa Moreno, the 2001-2002 Getty Intern, helped develop specifications for the new Academic Affairs Scanning Electron Microscope, and researched the provenance and correct construction of an Italic bone funerary couch circa 200 BC. David Graves, the 2002-2003 Getty Intern, arrived in November of 2002.

## GRADUATE PROGRAMS

University of Chicago – Committee on Evolutionary Biology (CEB). This doctoral-degree granting program within the division of Biological Sciences at the University of Chicago is a collaboration among the University, The Field Museum, Brookfield Zoo, and Argonne National Laboratory. Its faculty has been training doctoral students for research and teaching careers in evolutionary biology for more than three decades. 22 Field Museum scientists are actively involved in the CEB graduate training program, comprising more than a third of its faculty and supervising two-thirds of its Ph.D. candidates. For more than a decade a Field Museum curator has served as Associate Chair of the CEB (John Flynn, Geology, has been in the post since 1995). Currently, 29 CEB students are conducting Field Museum-based projects.

University of Illinois at Chicago/Field Museum Joint Degree Program in Anthropology. This program fills a unique niche in the world of university education. The program was formally established in 1995 in order to strengthen anthropology course offerings at UIC (enabling the UIC Anthropology program to grant the Ph.D. degree), and to facilitate access by UIC faculty and students to Museum collections. The Field Museum's anthropology curators have adjunct professor status at UIC, and interested anthropologists at the University have adjunct curator status at the Field Museum. Faculty of both institutions serve jointly on admissions committees for students and on search and promotion committees for teaching and curatorial staff. Field Museum Curators teach on a regular basis at UIC, and UIC graduate students actively conduct research in Anthropology collections and labs. The joint Ph.D. program plays a key role in communications among anthropologists in the Chicago area. Iman Saca successfully defended the first doctorate in the joint program in February of 2002.

Northwestern University/Field Museum Program in Anthropology. Formalized in fall 2001, this program solidifies an emerging relationship between the Anthropology programs at the Museum and Northwestern. As with the UIC program, Field Museum anthropology curators may obtain adjunct professor status at Northwestern, and will engage in regular teaching duties there, and NU anthropologists are eligible for adjunct curator status at the Field. We expect that many Northwestern anthropology graduate students will become part of the "Resident Student" community.

Resident Graduate Students. Field Museum scientists lend their expertise to both undergraduate and graduate instruction at universities in the Chicago area and around the world. As the Higher Education section demonstrates, university teaching is central to the activity of Field Museum curators, as is graduate student advising and dissertation supervision. Among the graduate students mentored and advised by Field Museum curators is a core group of graduate students whose work is squarely based in The Field Museum's collections and labs. During the past year The Field Museum provided training in collections-based research to 60 resident graduate students, from the University of Chicago, the University of Illinois at Chicago, and Northwestern University, as well as the University of Utah, University of California – Berkeley, and the University of Leiden.

## COMMUNITY-BASED TRAINING

Mighty Acorns. The Mighty Acorns program, a Chicago Wilderness model environmental education program, connects urban youth (grades 4 through 6) with nature through direct experiences in stewardship and exploration, and thereby broadens community involvement in the protection and restoration of natural areas in the Chicago region. The students participate in seasonal field trips to local natural areas to engage in stewardship activities such as seed collecting, brush cutting, and planting. Over 500 students from five elementary schools are working with Field Museum staff to help restore and preserve the native ecosystems of the Calumet region in northeastern Illinois.

Windy City Earth Force. Windy City Earth Force supported Chicago area educators and students in three programs, Community Action and Problem Solving (CAPS), Global Rivers Environmental Education Network (GREEN) and Earth Force After School. Over 800 students participated in Earth Force in the Chicago metropolitan area in 2002, with a focus primarily on the Calumet region. These service learning, environmental and civics education programs teach students in grades 5 to 9 how to make long-term sustainable improvement in environmental issues that they select. During the summer of 2002, Windy City Earth Force hosted two training sessions for a total of 25 formal and non-formal educators. During this time, Windy City Earth Force also became officially integrated into ECP's efforts in the Calumet region.

UrbanWatch. UrbanWatch is an environmental monitoring program developed in partnership with the Illinois Department of Natural Resources, in which teachers, high school students and adult citizen scientists conduct biological inventories of urban green spaces such as schoolyards, city parks and cemeteries. During 2002, UrbanWatch hosted five educator workshops, three student workshops and three volunteer workshops that increased our teacher and student participation to 92 teachers, approximately 3,000 students and 99 volunteers from around the state of Illinois. ECP staff also completed an upgrade of the UrbanWatch web site to provide teacher forums, a reports section, and digital tools including color field guides (printing and image quality), the reference page, as well as the natural history information for each organism.

Calumet Environmental Education Program. The Calumet Environmental Education Program (CEEP) was launched in August 2002 by Environmental Conservation Programs as a new model of conservation education that translates science into action for students and educators in the Calumet region of Chicago. Students participate in a consecutive ladder of conservation education programs, linking and building process skills and knowledge grade level upon grade level. The three conservation education programs, Mighty Acorns (grades 4-6), Earth Force (grades 6-8), and UrbanWatch (grades 9-12), engage young people in scientific, hands-on learning about biodiversity and conservation, resulting in action projects. During 2002, CEEP supported 32 educators at Washington High School and five of its eight feeder elementary schools: George Washington; Virgil Grissom; Henry Clay; Jane Addams and John L. Marsh. CEEP staff trained over 30 educators in a two-day workshop in August 2002 and hosted an Inquiry Group in November 2002 for participating educators. An Inquiry Group is an organized meeting for all CEEP educators (grades 4-12) during the school year to provide them with opportunities to network with



other teachers and enhance skills and subject knowledge from experts. These meetings are also a time for teachers to exchange ideas about activities, teaching methods, learn technology and build camaraderie between various grade levels.

**Bird Monitoring for Conservation.** Bird Monitoring for Conservation involves citizen scientists collecting and analyzing data for migratory and breeding birds in Chicago Wilderness, and connecting those data to information needs in habitat management. Bird monitoring initiatives by citizen scientists have been active in the Chicago region for over a decade. However, a lack of standardized protocols and the daunting task of digitizing data have meant that much of the information amassed over the past years remains largely inaccessible and difficult to analyze. ECP and Chicago Wilderness have partnered with BirdSource (a partnership of the Cornell Laboratory of Ornithology and the National Audubon Society) and the Bird Conservation Network to transform current monitoring practices.

**Urban Research Programs.** Community-based conservation, one of the most promising trends for long-term sustainable protection of threatened ecosystems, will require well-trained social scientists who can rapidly assess the potential sources for organizing communities to carry out natural resource monitoring, management, and education efforts. In 2001, the Center for Cultural Understanding and Change received a grant from the U.S.D.A. Forest Service to expand its urban research internship program, targeting research on social assets and environmental activism in Chicago's Lake Calumet region, the site of long-term research on biological diversity. CCUC's training program equips future social scientists in the basics of integrating communities into the work of environmental conservation, and have trained over 30 students to date. Five interns conducted research in the region during the summer of 2002, the second research season of the Lake Calumet project.

## PROFESSIONAL AND FIELD-BASED TRAINING

**Ecology Training Program/ Université d'Antananarivo.** The Field Museum and World Wildlife Fund (WWF) Madagascar are joint collaborators in a training program for Malagasy students that provides field and classroom training in the biological sciences through a program of research field trips in Madagascar, seminars at the Université d'Antananarivo, and collections work at the Museum.

**NSF PEET projects.** The PEET program (Partnerships for the Enhancement of Expertise in Taxonomy), the National Science Foundation's response to ever-shrinking expertise in "whole organism" biology, makes major grants to support intensive studies of "under-studied" organisms, with training a major component of each project. Projects provide comprehensive training in collections-based, monographic studies for postdoctoral associates, graduate students, and undergraduate interns. The Field Museum has five PEET grants currently underway:

- Margaret Thayer (Zoology): "Monography, Phylogeny, and Historical Biogeography of Austral Staphylinidae (Coleoptera)."
- Sabine Huhndorf (Botany): "The Phylogenetic Relationships of the Family Lasiosphaeriaceae, the Largest and Least Studied Family in the Order Sordariales (Fungi, Ascomycetes)."
- Sabine Huhndorf (Botany): "Monographs of Two Key Genera and Family-Level Phylogeny (Fungi, Ascomycetes, Sordariales)."
- Rüdiger Bieler (Zoology): "Bivalves: Research, Training, Electronic Dissemination of Data."
- Petra Sierwald (Zoology): "The Diplopoda: Research, Taxonomic Training and Computerization."

**Central American mycology workshop.** The Mesoamerican and Caribbean Herbaria Association has identified the initiation of a training program in fungal systematics/biodiversity for Central American scientists as a high priority for the region. A week-long basidiomycete workshop was held in 2001 with NSF support. The ascomycete workshop was held in December 2002 at the Alberto Manuel Brenes Biological Reserve, in the San Ramon protected zone in Northwestern Costa Rica. The course was organized by Sabine Huhndorf (Assistant Curator, Mycology) and Fernando Fernandez (Adjunct Curator, Mycology). Twenty-six participants representing the US and Spanish-speaking Central

American countries participated in the workshop. The primary product of these workshops is a corps of individuals who can begin to document the fungi throughout Central America. Another goal is a network to share information, resources and expertise, and joint projects for additional training, exploration, supplies, and equipment. It is anticipated that some workshop attendees will seek opportunities for advanced studies in mycology in Costa Rica, Europe, or the United States.

Bhutan biodiversity training. Bhutan is probably the most heavily forested country in Asia, and has one of the highest levels of biodiversity on earth, but is still poorly known. In 2002, the second year of an emerging partnership with the government of Bhutan, Curator Larry Heaney (Zoology/Mammals), Collections Manager Dave Willard and Assistant Collections Manager Tom Gnoske (both Zoology/Birds) all spent more than a month in Bhutan conducting field work and training Bhutanese colleagues in 2002. In addition, Bhutanese students trained with Heaney in the field in Utah and with Willard on collections-based work in Florida and Minnesota. This group, along with Associate Curators John Bates and Shannon Hackett (Birds), are finalizing arrangements with the MacArthur Foundation to establish a biodiversity inventory training program in Bhutan, in collaboration with WWF. As plans move forward, collaborative programs will include further training of Bhutanese biologists in biodiversity assessment and conservation priority analysis, care of biodiversity research collections, and preparation of manuscripts.

Biodiversity in the Democratic Republic of Congo. 2002 marked the second year of a four-year MacArthur-sponsored training course at the Centre de Recherche en Sciences Naturelles (CRSN) in Lwiro, Bukavu, DRC. Led by Associate Curator John Bates (Zoology/Birds) the "Programme Biodiversité des Ecosystèmes Aquatiques et Terrestres dans le Rift Albertin (PBEATRA)" is a collaboration for capacity-building between The Field Museum and the three Congolese institutions: CRSN, the Centre de Recherche Hydrobiologique (CRH, Uvira), and the Institut Congolais pour la Conservation de la Nature (ICCN). The July 2002 course included training for 12 participants from Field Museum personnel on the study birds and small mammals, as well as botany, hydrobiology, and water chemistry taught by Congolese colleagues. In the fall of 2002, three Congolese researchers—an ichthyologist from CRH, and an ethnobotanist and a research technician from CRSN—visited the Museum to gain skills and experiences to bring back to their research stations. In addition to training in collections management and collections-based studies of biodiversity, the group learned about environmental communications tools, and visited institutions such as zoos and natural areas in the Chicago area to learn more about education programs and natural area management in the U.S.A.

Conservation outreach in Bolivia. ECP's Outreach staff has pursued training activities in various Latin American countries, most recently Bolivia. ECP's Outreach Coordinator Dan Brinkmeier is working with Centro de Investigación y Preservación de la Amazonia (CIPA) at the University of Pando to extend its conservation outreach work. The University is establishing a conservation information center (the first step toward creating a new conservation biology academic track). In summer 2002, Brinkmeier taught an open drawing class using specimens from the collection, worked with students to design their own small publications focusing on botany and reptiles, and did visualizations for educational displays within a proposed city ecological park.

Ecuador: training and support for community conservation programming. 2002 training initiatives by ECP include teaching residents of the Zábalo and Sinangoe communities to conduct censuses on large birds and mammals (accompanied by the development of appropriate training materials). This effort is also accompanied by the development and use of visual training materials in the form of small illustrated booklets.

Philippines biodiversity and conservation. Curator Larry Heaney (Zoology/Mammals) has been working for more than 20 years on vertebrate biodiversity documentation and conservation in the Philippines, and training has been a prominent component of this project. The Philippines is now considered to have perhaps the highest concentration of unique biodiversity of any country, but is also listed as one of the most severely threatened. With funding from the Museum, NSF, and the MacArthur

Foundation, Heaney has trained some 50 young Filipino university biologists, park managers, and government officials in techniques for field biodiversity assessment, protected area and wildlife management, analysis of conservation priorities, and faunistics. Following a 2001 "classroom in the field" for NGO biologists in Luzon, Larry spent much of 2002 laying the groundwork for an extended field and training season set for early 2003.

AquaRAP. AquaRAP (Aquatic Rapid Assessment Program) conducts multidisciplinary expeditions to survey watersheds throughout South America in order to make conservation and future research recommendations. The program coordinates the activities of local and international experts, and trains local students in rapid biological surveys methods. Following fieldwork, some students come to The Field Museum to analyze samples and write final reports. To date, more than 20 students—from Guatemala, Venezuela, Ecuador, Peru, Paraguay, and Brazil have participated. During 2002 the AquaRAP team, spearheaded by Curator Barry Chernoff (Zoology/Fishes), generated several technical reports, and geared up for their 2003 field and training schedule.

## ACADEMIC AFFAIRS INTERNS, 2002

### HIGH SCHOOL INTERNS

#### Botany

Dwyer Kilcollin, Choate Rosemary Hall, Wallingford, CT.

Center for Cultural Understanding and Change  
Daniel Rhymer, Evanston Township High School.

#### Environmental and Conservation Programs

Jessica Cañas, St. Scholastica Academy; Biodiversity Explorers: José Calixto, John Hope Preparatory Academy; Kirsten Gundersen, Kathy Kasiarz, Dabney Lyles, all Whitney Young High School; Melissa Magnuski, Lincoln Park High School.

#### Zoology

Phillip Brown, Evanston High School, Josh Engel, Oscar Gonzalez, Perspective High School, Chris Grinter, Lake Forest High School, Amanda Haas, Wheaton North High School, Kristen Kelsch, Ursuline Academy, Cincinnati, OH, Laura Martinez, Hershey High School, Emily Stuebing, Archbishop McNicholas High School, Cincinnati, OH.

### UNDERGRADUATE STUDENT INTERNS

#### Botany

Edward Jakaitis, Northwestern University, Chicago, IL; Erin Loomis, University of Chicago, Chicago, IL; Tim Millar, University of Chicago, Chicago, IL; Katarina Topalov, Yugoslavia; Katherine Turk, University of Chicago, Chicago, IL.

#### Center for Cultural Understanding and Change

Marley Beth Crutcher, University of Kansas; Pia Haenni, University of Berne, Switzerland; Emily Hudson, Washington University-St. Louis; Ryan Inton, Lake Forest College; Steven Mayne, Northwestern University; Angela Supernaw, University of Illinois at Champaign-Urbana; Alexandra Trumbull, Beloit College.

#### Environmental Conservation Programs

Josh Engel, Pomona College, Claremont, CA; Aaron Franklin, University of Chicago; Jessica Janota, Loyola University; Andrew Martin, University of Chicago; Stephanie Schultze, Art Institute of Chicago; Amber Staab, University of Chicago; Nathan Strait, Art Institute of Chicago.

#### Geology

Nicholas Beecher, Jessica Wade-Murphy, University of Chicago.

#### Zoology

Holly Anderson, Harvard University; Sean Bober, University of Illinois at Chicago; Dani DuCharme, Loyola University; Allison Garoza, College of the Atlantic; Kevin Grady, De Paul University; Emily Helfrich, Hanover College; Amy Jess, University of California, Berkeley; Christian Kammerer, University of Chicago; Kate Kluth, University of Chicago; Aaron Knapp, Loyola University; Melissa Kuberski, Western Illinois University; Michael Montague, Boston College; Nicholas Perrino, Loyola University; Joe Poch, Loyola University; Michelle Reed, Hanover College; Abigail Reft, University of Chicago; Erin Scanga, University of Chicago; Carrie Seltzer, Hanover College; Lydia Smith, University of Michigan; Bruce Snyder, University of Wisconsin; Dean Thorsen, University of Florida.

## GRADUATE STUDENT INTERNS

### Center for Cultural Understanding and Change

Hannah Anderson and Sheldon Bernard Lyke, University of Chicago; Sara Berliner, Harvard University; Josh Ostergaard, University of Illinois at Chicago; Antonia Randolph, Northwestern University.

### Geology

Katy Adank, Depauw University, Indiana; Bonnie Gulas, University of Chicago.

## RESIDENT GRADUATE STUDENTS, 2002

### DEPARTMENT OF ANTHROPOLOGY

#### University of Illinois at Chicago

Rahul Oka, Mark Golitko, Debra Green, Mary Vermillion, John Beaver, Marisa Fontana, Scott Sills, Sara Phankuche, Russell Quick, Ellen Quinn, Vania Smith

#### Nothwestern University

Robin Coleman

#### University of Leiden

Patrick van Hoebrouck

### DEPARTMENT OF BOTANY

#### University of Chicago

Jutta Buschbom

#### University of Illinois at Chicago

Ruth Aldana-Gomez, Matthew DaRin, Mark Johnston, Amanda Koch, Amy Libman, Tatiana Lobo, Joanna Michel, Andrew Miller, Huu Nguyen

### CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

#### Northwestern University

Christine Dunford

#### University of California – Berkeley

Kevin Karpiak

### ENVIRONMENTAL CONSERVATION PROGRAMS

#### University of Chicago

Christina Bentz

#### University of Illinois at Chicago

Tatiana Lobo, Christina Martinez, Gabriela Nuñez

#### University of Utah

Paul Fine

### DEPARTMENT OF GEOLOGY

#### University of Chicago

Jack Conrad, John Finarelli, Anjali Goswami, Lee Hsiang Liao, Jon Marcot, Surangi Punyasena, Karen Sears, Gina Wesley

#### Northwestern University

Michael Fortwangler, Ramya Sivaraj

### DEPARTMENT OF ZOOLOGY

#### University of Chicago

Ana Carnaval, James Cooper, Dan Davison, Alex Dehgan, Jennifer Fessler, Jeff Janovetz, Becca Price, Aaron Rice, Trina Roberts, Rebecca Rundell, Brian Sidlauskas, Charles Stayton, K. Rebecca Thomas

#### University of Illinois at Chicago

Julian Bueno Villegas, Norbert Cordeiro, Terrence Demos, Isabella Kappner, José Tello, Jodi Sedlock, Bryan Stuart, Paul Velazco

## ACADEMIC AFFAIRS VOLUNTEERS, 2002

### DEPARTMENT OF ANTHROPOLOGY

Mark Baldrige (Andean Archaeology), Carola Ballester, Tamira Brennan (Archaeology), Joan Brodsky, Nicholas Carrier (Circum-Caribbean Archaeology), Joan Connor, Megan Cooper (Mesoamerican Archaeology) Jennifer McMahon (Near Eastern Archaeology), Dan Maratto, Aloysius Chen (Asian Anthropology), Jennifer Clark (Mesoamerican Archaeology), Connie Crane, Lora Lee Fry (Mesoamerican Archaeology) Peter Gayford (African Archaeology) Taeko Hashimoto (Asian Anthropology), Warren Haskin (History of the Department of Anthropology), Elizabeth Ann Holder (Mesoamerican Archaeology), Cheryl Istvan (Asian Anthropology), Belen Jaquez (Southwestern Archaeology), Adam Leon (Mesoamerican Archaeology), Leonore Levit (Asian Ethnology and Archaeology), Robert Lewis, James Listak, Renee Logan, Gregory Lucas (Mesoamerican Archaeology), Jack MacDonald (Registration), Barbara Majerczyk, Joseph Marlin (New Guinea Research Program), Robert MacFarland (Circum-Caribbean Archaeology), Josephine Meleico, Carolyn Moore (Asian Anthropology), Reiko Mrozik (Asian Anthropology), Ellis Murphy (Mesoamerican Archaeology), Katie Nash (Collections), Judy Odland, Rahul Oka (African Archaeology), Christina Pannos (Mesoamerican Archaeology), Dorothea Phipps-Cruz (Registration), Mary Prindville, Karl Reko, Jeannie Sack, Akiko Saito (Asian Anthropology), Esther Schecter (Oceanic Archaeozoology and Ethnology), Richard J. Schlott (African Ethnology and Archaeology), John Shea, Judith Simon (Scientific Illustration), Malcolm Smith (Asian Ethnology and Archaeology), Sarah Stone (Mesoamerican Archaeology), Lisa Stringer (African Ethnology and Archaeology), Lauren Schwartz (Mesoamerican Archaeology), Ika Tomaschewsky (Southwestern Archaeology), Hsi-tsin Tsiang (Asian Anthropology), Micah Urban (Oceania, Anthropology), Kristin Raymond (Collections Project), Kavita Sharma (African Archaeology), Mary Vermilion (North American Archaeology), Jean Vondriska (Asian Ethnology and Archaeology), Keito Waki (Asian Anthropology), Kyoko Watanabe (Asian Anthropology), Edward Yastrow (Prehistoric Archaeology), Monica Wood (African Archaeology).

### DEPARTMENT OF BOTANY

Helen Bieser (Mycology), Barbara Bouton (Bryology), Mary Feay (Mycology), Selwyn Mather (Type Photographs), Alice Pilar (Mycology), Arlene Sison (Bryology).

### CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

Catherine Bendowitz, Suzanne Boesch, Joanne Friedland, Tiffanie Miller, Andrea Rincón.

### ENVIRONMENTAL CONSERVATION PROGRAMS

Joe Becker, Peter Cruikshank, Shauna Halajian, Erin O'Donnell, Ryan Peters, Hugo Quiroz, Michelle Reilly, Fred Rodriguez.

### DEPARTMENT OF GEOLOGY

Irene Broede (Vertebrate Paleontology), Dennis W. Burdick (Invertebrate Paleontology), Thomas Burke (Paleobotany), Michael Carrig (Invertebrate Paleontology), Ross Chisholm (Vertebrate Paleontology), Pamela J. Clayburn (Paleobotany), Mary Sue Coates (Invertebrate Paleontology), Larry Coronelli (Paleobotany), Cathleen Cunningham (Invertebrate Paleontology), David Dolak (Invertebrate Paleontology), Denise Edelson (Vertebrate Paleontology), Mike Eklund (Vertebrate Paleontology), Jim Fairchild (Invertebrate Paleontology), Erin Fitzgerald (Vertebrate Paleontology), Stuart Fox (Dinosaurs),

Richard Hidaka (Paleontology), Linda Hills (Vertebrate Paleontology), Linda Johnston (Invertebrate Paleontology), Donna Katz (Invertebrate Paleontology), Tom Kerstann (Vertebrate Paleontology), Dennis Kinzig (Vertebrate Paleontology), Joanne Kluga (Vertebrate Paleontology), Pamela Knight (Vertebrate Paleontology), John Lanzendorf (Vertebrate Paleontology), Lindsay Ann MacKenzie (Vertebrate Paleontology), Robert McAfee (Vertebrate Paleontology), John McConnell (Invertebrate Paleontology), Mike Minnow (Vertebrate Paleontology), Brian Morrill (Vertebrate Paleontology), Karen Nordquist (Vertebrate Paleontology), Ken Peters (Paleobotany, Invertebrate Paleontology), James E. Quilici (Invertebrate Paleontology), Havier Sanchez (Invertebrate Paleontology), Katie Savary (Vertebrate Paleontology), Joe Schroeter (Vertebrate Paleontology), Karen Smetana (Vertebrate Paleontology), Wendy Taylor (Invertebrate Paleontology), Thomas V. Testa (Invertebrate Paleontology), Amanda Thompson (Vertebrate Paleontology), Hedy Turnbull (Vertebrate Paleontology), Mary Valsa (Vertebrate Paleontology), Warren Valsa (Vertebrate Paleontology), Karen Vendl (Physical Geology), Mark Vendl (Physical Geology), Ray Vodden (Vertebrate Paleontology), Deborah Wagner (Invertebrate Paleontology), Sarah Werning (Vertebrate Paleontology), Jack Wittry (Paleobotany, Invertebrate Paleontology), George Wolnak (Vertebrate Paleontology), Steven Zitowsky (Vertebrate Paleontology).

#### DEPARTMENT OF ZOOLOGY

Tom Anton (Amphibians and Reptiles), Helen C. Bonbrest (Invertebrates), Renee Buecker (Insects), Peter Buol (Birds), Angela Burns (Invertebrates), Starr Bushey (Invertebrates), Fredell Campbell (Mammals), Sidney Camras (Insects), Jessica Canas (Insects), Cathleen Cunningham (Invertebrates), Stanley Dvorak (Invertebrates), Phoebe France (Invertebrates), Arlene Ghiron (Insects), Richard Glogowski (Birds), Joan Goldstein (Fishes), Shana Halajian (Birds), Charles Humphrey (Invertebrates), Herbert Hymen (Birds), Fui Lian Inger (Amphibians and Reptiles), Bo Jap (Birds), Amy Jess (Mammals), Edwin Kapus (Invertebrates), Jim Kase (Insects), Kevin Kopak (Insects), Armand Littman (Invertebrates), Ryan Lucas (Birds), Joanna McCaffrey (Insects), David Maes (Insects), Leslie Major (Birds), Carl V. Malmstrom (Invertebrates), Osvaldo Martinez (Amphibians and Reptiles), Teresa Mayfield (Amphibians and Reptiles), Kristin Monahan (Birds), Troy Nowack (Birds), Brian O'Shea (Birds), Kenichi Okamoto (Amphibians and Reptiles), Joe Poch (Mammals), Laura B. Porro (Invertebrates), Zeus Preckwinkle (Insects), Leslie Salazar (Birds), Nina Sandlin (Insects), Elizabeth Simmons (Insects), Dan Tian (Invertebrates), Sandy Van Tilburg (Birds), Christine Vittoe (Invertebrates), David Walker (Invertebrates), Ben Weaver (Mammals), Elsa Whitmore (Invertebrates), Joseph Zich (Invertebrates).



## HONORARY APPOINTMENTS, 2002

### DEPARTMENT OF ANTHROPOLOGY

#### Curator Emeritus

Phillip Lewis, Ph.D., Primitive Art, Melanesian Ethnology

#### Adjunct Curators

Kathleen Adams, Ph.D., Southeast Asian Anthropology  
Deborah Bekken, Ph.D., East Asian Archaeology and Zooarchaeology  
William Barnett, Ph.D., Old World Prehistory  
Brian Bauer, Ph.D., Andean Archaeology  
Winifred Creamer, Ph.D., Mesoamerican and Southwest Archaeology  
Robert L. Hall, Ph.D., Plains and Midwestern Archaeology and Ethnography  
Chuimei Ho, Ph.D., East and Southeast Asian Art and Archaeology  
Paul Hockings, Ph.D., Southern Asia Social Anthropology  
Lawrence H. Keeley, Ph.D., Europe and North American Paleolithic Archaeology  
Sibel Barut Kusimba, Ph.D., African Archaeology  
Linda Nicholas, M.A., Mesoamerican Archaeology  
Joel Palka, Ph.D., Mesoamerican Archaeology  
James L. Phillips, Ph.D., Old World Prehistory, Stone Tools  
Jack H. Prost, Ph.D., Physical Anthropology and Primate Behavior  
David Reese, Ph.D., Archaeozoology  
Sylvia Vatuk, Ph.D., Cultural, Gender, and Urban Anthropology, India  
Robert L. Welsch, Ph.D., Oceania  
Cameron Wesson, Ph.D., Household Archaeology, Southeastern United States  
Sloan Williams, Ph.D., South American Bioarchaeology

#### Research Associates

George Henry Okello Abungu, Ph.D., African Archaeology and Ethnology  
Babatunde Agbaje-Williams, Ph.D., African Anthropology  
Dean E. Arnold, Ph.D., Mesoamerican and South American Archaeology and Ethnology  
Philip J. Arnold, III, Ph.D., Mesoamerican Archaeology, Craft Production and Ethnoarchaeology  
Robert C. Bailey, Ph.D., Biological Anthropology, Africa  
Lane Anderson Beck, Ph.D., Bioarchaeology, Mortuary Analysis, Paleopathology  
Joshua Borstein, Ph.D., Mesoamerican Archaeology  
Robert J. Braidwood, Ph.D., Middle Eastern Archaeology  
James A. Brown, Ph.D., North American Archaeology  
Jane E. Buikstra, Ph.D., Skeletal Biology, Paleopathology, Paleodemography, Forensic Anthropology  
Alicia Duran Coirolo, Ph.D., Ethnoarchaeology, South America  
Phillip J. C. Dark, Ph.D., African Ethnology  
Edithe DaSilva Pereira, Ph.D., South American Archaeology  
Raymond J. DeMallie, Ph.D., Kinship, Symbolic Anthropology, Ethnohistory  
Richard D. DePuma, Ph.D., Classical/Near Eastern Archaeology  
Owen Doonan, Ph.D., Mediterranean Archaeology  
Robert Feldman, Ph.D., Andean Archaeology  
Steven L. Forman, Ph.D., Thermoluminescence Dating, Soil Stratigraphy  
Anne L. Grauer, Ph.D., Physical Anthropology, Skeletal Biology, North America  
Augustin Ferdinand Charles Holl, Ph.D., West African Prehistory, African-American Archaeology  
Carolyn Schiller Johnson, Ph.D., Ethnomusicology  
Janet H. Johnson, Ph.D., Near Eastern Archaeology  
Shomarka Omar Yahya Keita, M.D., Biological Archaeology, North Africa, Egypt  
Dirse Clara Kern, Ph.D., South American Archaeology

Alan L. Kolata, Ph.D., Andean Archaeology and Ethnohistory  
Lyle Konigsberg, Ph.D., Physical Anthropology  
Elizabeth Ann Lillehoj, Ph.D., Japan, Material Culture  
Charles E. Lincoln, Ph.D., Mesoamerican Archaeology  
Laura Litten, Ph.D., Visual Anthropology  
Mark Lycett, Ph.D., US Southwest Archaeology  
Luisa Maffi, Ph.D., Linguistics, Mexico  
Maria Estela Mansur, Ph.D., South American Archaeology  
Donald E. McVicker, Ph.D., Mesoamerican Archaeology  
Kathleen Morrison, Ph.D., South Asian Archaeology  
Michael E. Moseley, Ph.D., South American Archaeology  
Karega Munene, Ph.D., African Archaeology  
Charles E. Orser, Jr., Ph.D., Historical Archaeology, Ethnohistory, Archaeological Theory  
Douglas W. Owsley, Ph.D., Physical Anthropology  
Nadine Ruth Peacock, Ph.D., Biological Anthropology, Africa  
George I. Quimby, Ph.D., Museology and North American culture History  
Johan G. Reinhard, Ph.D., Nepal, Bolivia, Peru  
Richard Schlott, Ph.D., Scientific Anthropology  
Ruth Shady, Ph.D., Andean Archaeology  
Fred H. Smith, Ph.D., Physical Anthropology  
John Edward Staller, Ph.D., Ethnoarchaeology, West Lowland South America  
Gil J. Stein, Ph.D., Near Eastern Archaeology  
Robin Torrence, Ph.D., Mediterranean and New Guinean Archaeology  
Nikolaas Johannes van der Merwe, Ph.D., African Archaeology and Metallurgy  
Ann L.W. Stodder, Ph.D., Bioarchaeology, Oceania  
Yeqiao Wang, Ph.D., Geography, Environmental Studies, China  
Ronald Weber, Ph.D., Amazon Basin and Northwest Coast Archaeology and Ethnology  
Mary J. Weismantel, Ph.D., Andean South American Ethnography  
Donald Whitcomb, Ph.D., Egyptian Prehistory  
Thomas Wilson, Ph.D., Mexico, Museum Studies, African Archaeology

#### Associates

Eloise Richards Barter, M.A., North American Ethnography  
William J. Conklin, M.A., Peruvian Architecture and Textiles  
Connie Crane, A.B., North American Ethnology  
Peter Gayford, B.A., African Archaeology and Ethnology  
John M. MacDonald, M.S., Oceania  
Carolyn Moore, B.A., Asian Material Culture  
Donna Nash, M.A., Andean Archaeology  
Judy Odland, M.A., African and South American Textiles  
Edward Yastrow, B.A., Human Origins  
Frank Yurco, M.A., Egyptology

#### DEPARTMENT OF BOTANY

##### Curator Emeritus

William Burger, Ph.D., Vascular Plants

##### Adjunct Curators

William A. Alverson, Ph.D., Vascular Plants  
Nicoletta Cellinese, Ph.D., Adjunct Curator, Vascular Plants  
Eve Emshwiller, Ph.D., Ethnobotany  
Fernando A. Fernández, Ph.D., Mycology

Robin B. Foster, Ph.D., Vascular Plants  
Robert Lücking, Ph.D., Mycology  
Gary L. Smith Merrill, Ph.D., Bryology  
Anthony Mitchell, Ph.D., Vascular Plants

Visiting Assistant Curator

Fred R. Barrie, Ph.D., Vascular Plants

Associate

Betty Strack, M.S., Mycology

Field Associates

Sandra Knapp, Ph.D., Vascular Plants  
Antonio Molina R., Ing. Agr., Vascular Plants

Research Associates

John Atwood, Ph.D., Vascular Plants  
Robert F. Betz, Ph.D., Vascular Plants  
John E. Braggins, Ph.D., Bryophytes  
Julieta Carranza, Ph.D., Mycology  
Paul A. Colinvaux, Ph.D., Paleocology  
Paulo E. De Oliveira, Ph.D., Paleocology  
Andrew Douglas, Ph.D., Paleobotany  
Jesús García J., Biol., Mycology  
Nancy Garwood, Ph.D., Vascular Plants  
Sidney F. Glassman, Ph.D., Vascular Plants  
Luis D. Gómez, Ph.D., Mycology  
Alfredo Gomez-Beloz, Ph.D., Vascular Plants  
James G. Graham, Ph.D., Vascular Plants  
Nancy Hensold, Ph.D., Vascular Plants  
Patrick Herendeen, Ph.D., Vascular Plants  
Sara Hoot, Ph.D., Vascular Plants  
Michael Huft, Ph.D., Vascular Plants  
Jiang-Chun Wei, Ph.D., Mycology  
Marian Kadushin, Ph.D., Vascular Plants  
Kuswata Kartawinata, Ph.D., Vascular Plants  
Scott B. Kroken, Ph.D., Mycology/Lichenology  
Thomas G. Lammers, Ph.D., Vascular Plants  
Jorgé Gómez Laurito, B.S., Vascular Plants  
Blanca Leon, Ph.D., Pteridology  
David P. Lewis, M.S., Mycology  
Richard A. Lupia, Ph.D., Paleobotany  
John F. Lussenhop, Ph.D., Mycology  
François M. Lutzoni, Ph.D., Lichenology  
Maria de Milagro Mata Hidalgo, Mycology  
Susana A. Magallón-Puebla, Ph.D., Paleobotany  
Rogers McVaugh, Ph.D., Vascular Plants  
John (Jack) Murphy, Ph.D., Mycology  
Cirilo Nelson, Ph.D., Vascular Plants  
Lorin I. Nevling, Jr., Ph.D., Vascular Plants  
Stephen Packard, Ecology  
Patricio P. Ponce de Leon, Ph.D., Mycology  
Kathleen Pryer, Ph.D., Pteridology  
Jacinto C. Regalado, Jr., Ph.D., Vascular Plants

Abundio Sagastegui, Ph.D., Vascular Plants  
Isidoro Sanchez V., Ph.D., Vascular Plants  
Harald Schneider, Ph.D., Pteridology  
Rudolf M. Schuster, Ph.D., Bryology  
Alan R. Smith, Ph.D., Pteridology  
D. Doel Soejarto, Ph.D., Vascular Plants  
Tod F. Stuessy, Ph.D., Vascular Plants  
Qiuxin Wu, Ph.D., Mycology  
Kenneth Young, Ph.D., Vascular Plants

## DEPARTMENT OF GEOLOGY

### Curators Emeritus

Matthew H. Nitecki, Ph.D., Fossil Invertebrates  
William D. Turnbull, Ph.D., Fossil Mammals  
Bertram G. Woodland, Ph.D., Petrology  
Rainer Zangerl, Ph.D., Fossil Fishes

### Research Associates

William L. Abler, Ph.D., Fossil Vertebrates  
Edgar Allin, Ph.D., Fossil Vertebrates  
David Bardack, Ph.D., Fossil Fishes  
William Bemis, Ph.D., Fossil Vertebrates  
Chris Brochu, Ph.D., Fossil Vertebrates  
Greg Buckley, Ph.D., Fossil Vertebrates  
Matthew T. Carrano, Ph.D., Fossil Vertebrates  
Robert Clayton, Ph.D., Meteoritics/Geochemistry  
Michael Coates, Ph.D., Fossil Fishes  
Peter R. Crane, Ph.D., Paleobotany  
Darin Croft, Ph.D., Fossil Vertebrates  
Nicolas Dauphas, Ph.D., Cosmochemistry  
Andrew Davis, Ph.D., Meteoritics/Geochemistry  
David Kenneth Elliott, Ph.D., Fossil Vertebrates  
Daniel Fisher, Ph.D., Fossil Invertebrates  
Michael Foote, Ph.D., Fossil Invertebrates  
Catherine Forster, Ph.D., Fossil Vertebrates  
Gary Galbreath, Ph.D., Fossil Vertebrates  
Timothy Gaudin, Ph.D., Fossil Mammals  
Terry Grande, Ph.D., Fossil Fishes  
Lawrence Grossman, Ph.D., Meteoritics  
Thomas Guensburg, Ph.D., Fossil Invertebrates  
William Hammer, Ph.D., Fossil Reptiles  
Eric J. Hilton, Ph.D., Fossil Fishes  
James Hopson, Ph.D., Fossil Vertebrates  
David Jablonski, Ph.D., Fossil Invertebrates  
Christine Janis, Ph.D., Fossil Mammals/other verts.  
David Krause, Ph.D., Fossil Vertebrates  
Michael LaBarbera, Ph.D., Fossil Invertebrates  
Ricardo Levi-Setti, Ph.D., Fossil Invertebrates  
R. Eric Lombard, Ph.D., Fossil Vertebrates  
Ernest Lundelius, Ph.D., Fossil Mammals  
Frank McKinney, Ph.D., Fossil Invertebrates  
J. Michael Parrish, Ph.D., Fossil Reptiles

Roy E. Plotnick, Ph.D., Fossil Invertebrates  
David Raup, Ph.D., Fossil Invertebrates  
Robert R. Reisz, Ph.D., Fossil Reptiles  
Frank M. Richter, Ph.D., Meteoritics  
Ray Rogers, Ph.D. Sedimentology  
Paul Sereno, Ph.D., Fossil Reptiles  
Neil H. Shubin, Ph.D., Fossil Vertebrates  
Neil C. Sturchio, Ph.D., Meteoritics  
Stuart S. Sumida, Ph.D., Fossil Vertebrates  
Alfred Traverse, Ph.D., Fossil Plants/Paleopalynology  
Leigh Van Valen, Ph.D., Fossil Mammals  
André Wyss, Ph.D., Fossil Mammals

## DEPARTMENT OF ZOOLOGY

### Adjunct Curators

Jack Fooden, Ph.D., Mammals  
Julian C. Kerbis Peterhans, Ph.D., Mammals  
Harry G. Nelson, S.B., Insects

### Associates

Peter L. Ames, Ph.D., Syringeal Morphology of Passerine Birds  
Barbara Brown, B.A., Primates  
Sophie Ann Brunner, Preparation of Skeletons  
Sidney Camras, M.D., Systematics of Conopidae (Diptera)  
Arvin C. Diesmos, M.S., Philippines Amphibians  
Ingrid Fauci, Collection Management, Translations  
Barbara A. Harney, M.S., Mammal Ecology  
Fui Lian Inger, Southeast Asian Frogs  
Dorothy Karall, B.A., Illustration  
N. Aldrin D. Mallari, M.S., Philippines Conservation  
Peggy McNamara, Artist  
Debra K. Moskovits, Ph.D., Conservation  
Zues Prekwinkle, Bug Camp  
Nina Sandlin, B.A., Spiders  
John A. Wagner, Ph.D., Systematics of Staphylinidae: Pselaphidae (Coleoptera)

### Field Associates

Pam Austin, M.S., African Mammals  
Danny Balete, M.S., Philippine Mammals and Conservation  
Barbara Becker, M.A., Zoology Research  
Somchai Bussarawit, B.S., Biology  
Tanya Chan-ard, M.S., Forest Biology  
Merel J. Cox, M.S., Geology, Snakes of Thailand  
Leif Davenport, Mammals of Burundi  
Susan Davis, M.S., Neotropical Birds  
Carl W. Dick, M.S., Mammal Ectoparasites  
Sherif Baha El Din, M.S., Herpetology of Egypt  
John Douglas, M.S., African Zoology  
Brian Fisher, Ph.D., Ants of Madagascar  
Bruce Hayward, Ph.D., African Mammals  
Kiew Bong Heang, Ph.D., Sea Snakes  
Nina R. Ingle, Ph.D., Philippine Mammals and Conservation

Djoko T. Iskandar, Ph.D., Genetic and Systematics of Amphibians  
Maklarin Lakim, Research Officer  
Vachira Lheknim, Ph.D., Fish of Thailand  
Kelvin Lim Kok Peng, Amphibians and Reptiles  
Chan Chew Lun, Natural History Publications  
Antonio Machado-Allison, Ph.D., South American Fishes  
David Matusik, Lepidoptera Taxonomy  
Gregory Mayer, Ph.D., Organismic and Evolutionary Biology  
Edward Moll, Ph.D., Biology of Freshwater Turtles  
John Murphy, M.S., Herpetology  
Manuel A. Plenge, Birds  
Walter R. Suter, Ph.D., Systematics of Scydmaenidae (Coleoptera)  
Blas Tabaranza, M.S., Philippine Mammals  
Pitiwong Tantichodok, Ph.D., Coastal Oceanography  
Jamie Thomerson, Ph.D., Central and South American Fishes  
Ruth Uzzurum, Ph.D., Philippine Mammals  
Anna Wong, B.S., Zoology  
Bruce A. Young, Ph.D., Snake Morphology

#### Research Associates

Mary Ashley, Ph.D., Conservation Genetics  
Wirt Atmar, Ph.D., Diversity and Community Structure  
Warren Atyeo, Ph.D., Systematics of Acari  
John Cadle, Ph.D., Herpetology  
Angelo Capparella, Ph.D., Evolution of Neotropical Birds  
Jose Maria Cardoso da Silva, Ph.D., Brazilian Birds  
Donald S. Chandler, Ph.D., Systematics of Staphylinidae (Coleoptera)  
Dale Clayton, Ph.D., Host/Parasite Coevolution  
Melissa Cogan-Morales, Ph.D., Bat Morphology  
Timothy Collins, Ph.D., Molecular Evolution of Molluscs  
Joel Cracraft, Ph.D., Avian Systematics and Evolutionary Biology  
Kevin Cummings, Ph.D., Freshwater Bivalves  
Marian Dagosto, Ph.D., Primates  
Amy Driskell, Ph.D., Evolution of Birds and Bioinformatics  
Brian Dyer, Ph.D., South American Fishes  
Sharon Emerson, Ph.D., Functional Anatomy of Anura  
John Fitzpatrick, Ph.D., Evolutionary Ecology and Biogeography of Neotropical Birds  
Daniel Gebo, Ph.D., Primates  
Jaqueline Goerck, Ph.D., Conservation in Brazil  
Melina Hale, Ph.D., Biomechanics  
Malcolm Hast, Ph.D., Mammalian Vocal Apparatus  
Rainer Hutterer, Ph.D., Insectivore Mammals  
Avis James, Ph.D., Drosophila evolution  
Bruce C. Jayne, Ph.D., Marine and Estuarine Snakes  
W. B. Jefferies, Coevolution and Symbiosis in Crustaceans  
Kevin Johnson, Ph.D., Systematics and Evolution of Birds  
Daryl Karns, Ph.D., Herpetology and Community Ecology  
Marcus Key, Jr., Ph.D., Bryozoans  
Douglas Kelt, Ph.D., South American Mammals  
John Kethley, Ph.D., Systematics of Acari  
David H. Kistner, Ph.D., Systematics of Staphylinidae Associated with Ants and Termites  
Nedra Klein, Ph.D., Molecular Evolution in Birds  
Michael La Barbera, Ph.D., Functional Morphology of Pectinidae  
Peter E. Lowther, Ph.D., Field Museum Nest and Egg Collection

Yang Chang Man, B.S., Decapods  
Peter Meserve, Ph.D., Population Ecology of Mammals  
Paula Mikkelsen, Ph.D., Marine Mollusks  
John C. Murphy, M.S., Herpetology  
Charles Nadler, M.D., Sciuridae  
Roy A. Norton, Ph.D., Systematics of Acari  
John O'Neill, Ph.D., Neotropical Birds  
Link Olson, Ph.D., Malagasy Mammals  
Perry Ong, Philippine Mammals  
Charles Oxnard, Ph.D., Vertebrate Anatomy  
Victor Pacheco, M.A., Peruvian Mammals  
Stewart B. Pack, Ph.D., Systematics of Coleoptera  
Tila Maria Perez Ortiz, Ph.D., Systematics of Acari  
Philip D. Perkins, Ph.D., Aquatic Coleoptera  
Paulo Petry, Ph.D., South American Fishes  
Ronald Pine, Ph.D., Taxonomy of South American Mammals  
James Pokines, Ph.D., Taphonomy-Archeology of Mammal Bones  
Stephen Pruett-Jones, Ph.D., Behavior and Ecology of Birds  
George B. Rabb, Ph.D., Taxonomy of Salamanders, Phylogeny of Snakes  
Matthew Ravosa, Ph.D., Primates  
Justine Ray, Ph.D., Central African Mammals  
Eric A. Rickart, Ph.D., Mammals in Southeast Asia and North America  
Scott Robinson, Ph.D., Birds  
Luis Ruedas, Ph.D., Southeast Asian Mammals  
Victor Sanchez-Cordero, Ph.D., Mexican Mammals  
Jorge A. Santiago-Blay, Ph.D., Insects  
Thomas S. Schulenberg, Ph.D., Conservation of Neotropical Birds  
Jodi Sedlock, Ph.D., Bat Ecology  
H. Bradley Shaffer, Ph.D., Herpetology  
Jennifer Shopland, Ph.D., Mixed Species Ecology, Neotropical Birds  
Ronald Singer, D.Sc., Mammalian Anatomy  
Sergio Solari, M.S., Mammals of Peru  
Robert Stuebing, M.S., Malaysian Ecology  
Jamie Thomerson, Ph.D., Central and South American Fishes  
Robert Timm, Ph.D., New World Mammals  
Robert Traub, Ph.D., Siphonaptera  
Joseph Walsh, Ph.D., Mammalian Systematics  
Richard Wassersug, Ph.D., Tadpole Research  
Lee A. Weigt, M.S., Zoology, Systematics  
John Wible, Ph.D., Higher Level Taxonomy of Mammals  
Glen Woolfenden, Ph.D., Florida Scrub Jay Behavior  
Chris Yahnke, Ph.D., Neotropical Mammal  
Anne Yoder, Ph.D., Primate Evolution  
John Yunker, Ph.D., Mammals of Chicago area  
Ermi Zhao, Ph.D., Chinese Herpetofauna, Systematics

COLLECTION STATISTICS, 2002

Collection Size and Growth



COLLECTION STATISTICS, 2002

Outgoing Loans from Field Museum Collections

COLLECTIONS STATISTICS, 2002

Incoming Loans from Other Institutions or Parties

COLLECTION STATISTICS, 2002

Use of Collections by Visitors

FIELD MUSEUM PRESS - 2002

Fieldiana: Geology

No. 46. "The Dermal Armor of the Cyamodontoid Placodonts (Reptilia, Sauropterygia): Morphology and Systematic Value." By Olivier Rieppel. February 28, 2002; 41 pages, 31 illus., 1 chart. Publication No. 1517.

No. 47. "The Mammalian Faunas of the Washakie Formation, Eocene Age, of Southern Wyoming. Part IV. The Uintatheres." By William D. Turnbull. December 31, 2002; 189 pages, 74 illus., 19 tables. Publication No. 1519.

Fieldiana: Zoology

No. 99. "Morphology and Development of the Postcranial Skeleton in the Channel Catfish *Ictalurus punctatus* (Ostariophysi: Siluriformes)." By Terry Grande and Judith D. Shardo. June 28, 2002; 30 pages, 12 illus., 2 tables. Publication No. 1518.

No. 100. "Osteology of the Extant North American Fishes of the Genus *Hiodon* Lesueur, 1818 (Teleostei: Osteoglossomorpha: Hiodontiformes)." By Eric J. Hilton. December 31, 2002; 142 pages, 94 illus., 23 tables. Publication No. 1520.

## PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

The Pritzker Lab is a Field Museum multi-user core facility whose mission is the collection and analysis of genetic data. The majority of the data collected are DNA sequences. The main sources of specimens used in the laboratory are the frozen tissue collections of The Field Museum's Zoology and Botany Departments, although herbarium and traditional museum skins are also used. DNA sequence data are desirable for many reasons in evolutionary studies. Chief among these is the fact that DNA sequences are composed of only four nucleotide bases, resulting in data that are, in some analytical respects, very simple. Another extremely useful property of DNA sequence data is their high level of comparability across species and across studies. Together, these properties mean that DNA sequence data can be used to investigate diverse questions at all levels in the biological hierarchy: questions about individuals, populations, species, and even phyla and kingdoms.

The primary activity of lab users is the collection and analysis of genetic data for inferring the evolutionary, or phylogenetic, relationships among species. This knowledge of phylogenetic relationships is fundamental to understanding organismal evolution and the origins of biological diversity. Patterns of phylogenetic relationships among species can be used to trace evolutionary changes and provide insights into the biological and geological histories of geographic regions. Another focus of lab research involves characterizing the amount of genetic variation within and among populations. These data can be used to help guide conservation efforts, and to study the processes driving evolution, such as natural selection. In 2002, with the support of a gift from the Women's Board, the lab renovated two rooms. Previously, the rooms were used for storage of supplies and equipment. The rooms were renovated into one large working lab with bench area for eight additional users. We also added three centrifuges and a large chromatography refrigerator to the renovated area.

The majority of users are Field Museum curators, their graduate students from the University of Chicago and the University of Illinois at Chicago, and their postdoctoral researchers. The diversity of the Pritzker Lab's researchers and their studies is astounding. In 2002, DNA sequence data were obtained and analyzed from hundreds of species from almost every imaginable habitat—temperate and tropical rainforests and dry forests, grasslands, streams, ponds, estuaries, and coral reefs—and from every continent except Antarctica, as well as numerous islands. Researchers gathered DNA data on a huge variety of organisms including sharks, mushrooms, coral reef fish, lichenized fungi, bivalves, birds, ginseng, snakes, millipedes, moths, bats, and frogs. The many areas of inquiry pursued by these researchers include the origins of symbiosis, the evolution of life history traits, rates of evolutionary change, biogeography, conservation, sexual selection, speciation, and natural selection at the molecular level. More than 35 new and continuing projects used the DNA sequencing facilities in 2002.

As it has in the past, during 2002 the lab continued to emphasize education. Visiting researchers from other countries were trained in DNA sequencing techniques and assisted with their research projects. Drs. Shi-Liang Zhou and Arun Pandey, collaborators of Dr. Jun Wen, both visited the lab to perform genetic analysis. Dr. Pandey was trained in molecular techniques for the purpose of starting his own genetic lab back in India. The lab also hosted a number of visiting American researchers and trained two undergraduate summer interns. In 2003, we will be mentoring more undergraduate interns and hosting more international visitors, as we continue to emphasize training and collaboration.

The Pritzker Lab is a non-departmental unit of Academic Affairs supervised by a Management Committee. It is available for use by the curators and staff members of the Museum, their collaborators and students. All users of the lab are responsible for designing, performing and financing their own lab work. We welcome additional collaborations with new institutions and researchers. For more information on specific research projects, please see the web pages of the Pritzker Lab: [http://www.fmnh.org/research\\_collections/pritzker\\_lab/pritzker/index.html](http://www.fmnh.org/research_collections/pritzker_lab/pritzker/index.html); or the individual pages of committee members that manage the facility: John Bates (Zoology); Paul Goldstein (Zoology); Shannon Hackett (Zoology); Jun Wen (Botany); and Kevin Feldheim (Pritzker Lab).

## SCANNING ELECTRON MICROSCOPE

The Scanning Electron Microscope (SEM) is an invaluable resource for both original research observations and documentation of results. It allows researchers to examine fine surface details of three-dimensional objects at magnifications ranging from very low magnifications (10 times life-size) to high magnifications (above 20,000 times life-size). Images obtained from the scanning electron microscope achieve higher resolution and higher magnifications than those observed through light microscopy. These images also provide 300 times more depth-of-field than with light microscopy.

With the addition of a digital imaging system in 2000, users are now able to digitally capture their images in addition to, or instead of, taking photographs. With the computer for capturing digital images directly from the SEM, more images are generated in less time and a great savings is achieved with the reduction in the cost of film. Approximately 1000 publishable SEM digital images and photographs were obtained by investigators in the Departments of Anthropology, Botany, Geology, and Zoology in 2002.

The SEM laboratory is a multi-user facility where 17 curators, professional staff, graduate students, research associates, and visiting scientists from Academic Affairs conducted research in 2002. The staff, students, and visiting scientists that used the SEM include Joanna Minderop (Anthropology), Ruth Norton (Anthropology), Anne Underhill (Anthropology), John Engel (Botany), Sabine Huhndorf (Botany), Gary Merrill (Botany), Arun Pandey (Botany), Anjali Goswami (Geology), Yusheng Liu (Geology), Bill Turnbull (Geology), Natalia Ananjeva (Zoology), Julian Bueno (Zoology), Dani DuCharme (Zoology), Larry Heaney (Zoology), Jeff Janovetz (Zoology), Lucia Luna Wong (Zoology), and Petra Sierwald (Zoology).

Recent applications of the SEM:

- Layer identification of a Chinese wooden screen
- Fiber identification of Madagascar textiles: moth and spider silk
- Seed identification from an archaeological excavation in China
- Leaf morphology in the plant family of ginseng
- Surface ornamentation of liverwort gametophytes
- Reproductive structures of Ascomycete fungi
- Fossil flower morphology
- Morphology of fossil mammal teeth
- Dental microwear of fossil mammal teeth
- Mammal teeth and skulls: rodents and bats
- Skin receptors of reptiles: lizards
- Millipede mouthpart structures
- Morphology of spider sexual organs and other structures

Multi-user equipment in the SEM lab includes an Amray 1810 Scanning Electron Microscope and specimen preparation instruments (a Balzers 030 Critical Point Dryer for drying soft tissue and a Denton Vacuum Desk II Sputter Coater for coating non-conductive specimens with a thin layer of gold). The digital imaging set-up consists of a PC with a Scion frame grabber and HP laserjet printer.

The laboratory is managed by Betty Strack. Her duties include training staff and students to operate the SEM and the ancillary equipment and keeping the instruments in good operating condition.

## SCHOLARSHIP COMMITTEE

The Field Museum encourages and supports the use of its collections and facilities by outside scholars and students. The Scholarship Committee is responsible for the review of applications and the disbursement of funds for visiting scientists, graduate fellows and undergraduate interns who wish to work with the museum's collections or collaborate with its scientists. The Scholarship Committee administers seven separate funds. These are the Borg-Warner Robert O. Bass Visiting Scientist Fund, the William A. and Stella Rowley Graduate Fellowship Fund, the Karl P. Schmidt Fund, the Thomas J. Dee Fellowship Fund, the Lester Armour Graduate Fellowship Fund, the Women's Board's "Women in Science" Graduate Fellowship Fund, and the Undergraduate Internship Fund.

In honor of Hymen Marx, Curator Emeritus, Department of Zoology, the Freed Family Foundation donated \$500 to the Schmidt Fund. In memory of donor Robert O. Bass (1917-2002), Robert S. Ingersoll donated \$100 to the Bass Fund.

During 2002 the Scholarship Committee awarded 38 scholarships, 4 fellowships, and 5 internships in the four scientific departments. Nineteen scholarships were given to exceptional graduate or undergraduate students who have demonstrated a strong commitment to the study of natural history. Scientists came not only from the United States and Canada, but also from around the world: Argentina, Australia, Brazil, Chile, China, Czech Republic/Slovak Republic, England, France, Germany, Jamaica, Republic of South Africa, Russia, and Taiwan.

The Scholarship Committee is chaired by Lance Grande. Elaine Zeiger serves as Committee Secretary.

### Scholarships and Internships Awarded in 2002

Lester Armour Family Graduate Fellowship (for outstanding graduate students to pursue advanced studies in one of the scientific departments at the museum): Andrew Miller, Karen Sears.

William A. and Stella Rowley Graduate Fellowship / Lester Armour Family Graduate Fellowship (both for outstanding graduate students to pursue advanced studies in one of the scientific departments at the museum): José Tello.

Women's Board "Women In Science" Fellowship (for exceptional women Ph.D. candidates in the natural sciences): K. Rebecca Thomas.

Borg-Warner Robert O. Bass Visiting Scientists (for the support of visiting scientists): Gloria Arratia, Manzhou Bao, Paul Buccheim, Hui Fang, Peter Forey, Rosendo Fraga, Liu Pei-Gui, James Luteyn, Christopher Scotese, and Donald J. Stewart.

Thomas J. Dee Fellows (for research and academic fellowships with priority given to younger, less established research workers and to graduate students): Tamara Bray, Julie Broughton, Andrey Frolov, Gerald Grellet-Tinner, Margaret Hall, Tung Hsu, Martin Kundrát, Flavio de Lima, Donna McFarlane, David McLeod, Erik Meijaard, Keith Metzger, Carolina Monteiro, Sadie Reed, Justine Salton, Karen Samonds, Hang Sun, Matthew Thomas, Sue Turner, and Robin Whatley.

Karl P. Schmidt Scholars (for the training of young scientists who desire to study at The Field Museum): Judith Babot, Justin Georgi, Vasily Grebennikov, Renato Gregorin, Fernando Mendonca d'Horta, Richard Kissel, Joël Leblanc, Yang Bin.

Internships (work experience whereby an undergraduate or recent graduate gains hands-on training in his/her field of expertise for one or more semesters): Josh Engel, Amelia Hubbard, Kate Knuth, Kasia Szremski, Dean Thorsen.